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Volume 131 FEBRUARY 22, 1937 Number 8

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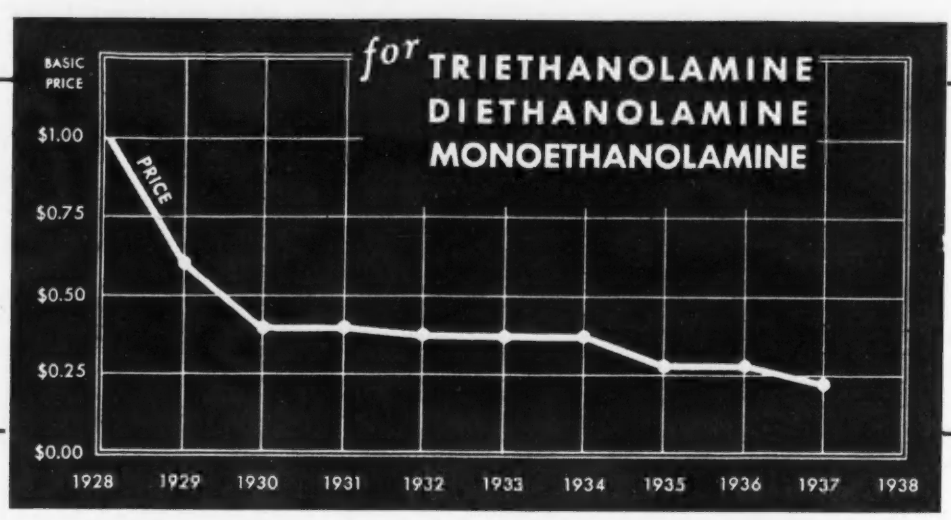

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 131 FEBRUARY 22, 1937 Number 8

Drug Ad Control Offered by F.T.C.

Lea Sponsors Inclusion Among Broader Powers

WASHINGTON, Feb. 19, 1937.

A proposal to give the Federal Trade Commission power to obtain court injunctions against the dissemination of advertising of foods, drugs, or cosmetics, which is false or deceptive and imminently dangerous to health, was suddenly injected into the hearing on the Lea bill to give the commission jurisdiction over unfair or deceptive acts or practices.

The proposal was in the form of an amendment submitted by Chairman Lea while Commissioner Davis was testifying before the house committee on interstate commerce. Apparently the commission had advance knowledge of the suggestion for Mr. Davis said its counsel considered the amendment valid and constitutional and that, while the commission was not in a position to advocate it, the job would be entirely acceptable and was in line with proposals made many times in the past to speed up the work of the commission through injunctive processes.

Mr. Lea said later that he was not yet ready to press for inclusion of the amendment in his bill (H.R. 3142), but proposed it at this time in order to bring out discussion. His committee later will have to consider the food and drugs bill with the controversial matter of placing drug advertising in the Federal Trade Commission or in the Food and Drug Administration, and the chairman said he felt that the matter might well be solved in connection with the pending bill. He will appoint a subcommittee to deal with the trade commission bill, which will include all the members of the group that last year handled the drug bill, plus several others.

The amendment provides that, whenever the commission shall have reason to believe that any person is engaged or is about to engage in the dissemination of any advertising of foods, drugs, devices, cosmetics, or other commodity in such manner as to render its use imminently dangerous to health, and which advertising is in a material respect false, misleading, or deceptive as to the character, quality, or therapeutic effect of such commodity, the commission may bring suit in a Federal district court to enjoin the dissemination pending issuance of a complaint and final disposition of the case by the commission.

F.W.D.A. Has Open Forum On Stabilization Problems

Moderate Margins Favored in Contracts Under Fair Trade Laws — Replacement of Selective Plans Foreseen

In an open discussion of price-stabilization plans, cooperative wholesalers of drugs and manufacturers of drug-store articles, meeting jointly under the auspices of the Federal Wholesale Druggists Association, reached a harmonious conclusion that it is unwise and inadvisable to strive to raise the consumer's price too greatly under State fair trade acts. The consensus was that the rescuing of profits from the abyss of "loss leaders" should be patiently and gradually conducted.

The drug wholesalers and manufacturers were also in agreement that the fair trade act was an established principle; that its ultimate effects would be widely beneficial; and that an educative campaign among retailers was desirable. They felt that the spread of fair trade legislation lessened the importance of selective distribution endeavors and other stabilization plans. Some of these plans were regarded to be out of harmony with the Patman act.

Moderation in the construction of contracts under fair trade acts was suggested, testimony being offered that was indicative of a tendency in certain quarters to extend the scope of such contracts beyond their statutory field.

The wholesalers discussed their own particular problems at sessions held February 18 and 19 in the Waldorf-Astoria, this city. The open forum with manufacturers was held February 17. F. J. McDonough, of the New York Quinine & Chemical Works, presided at the open forum, flanked by L. E. Seiberlich, president of the association, and R. E. Lee Williamson, its secretary.

Discussions in the open sessions of associate and active members were almost wholly concerned with the relations of manufacturers and distributors under various plans for the stabilization of competition in prices. Because the wholesale houses constituting the active membership of the association are retailers' cooperative organizations,

L. E. Seiberlich
F.W.D.A. President

the interest in trade relations comprised those of retail, as well as wholesale, distributors.

The first aspect of these relations taken up was the more or less wide-

(Continued on page 34)

N.Y. Drug Bill Raises Points of Trade Concern

ALBANY, Feb. 16, 1937.

Aside from its great variety of restrictive features, many of them new and unique, the Esquirol-Holley bill for a new State food, drugs, and cosmetics law presents a number of questions that are giving interested parties more than a little concern. One of these questions involves the origin of the measure. It is generally agreed that the bill did not originate here or in the minds of its sponsors in the legislature.

The most widely accepted belief is that the bill came from New York city and was drafted by members of a so-called "consumers" organization there which sets itself up as a critical analyst of foods, drugs, cosmetics, and other goods, on which it publishes findings and recommendations.

Before this bill was introduced there was an announcement in a Queens county newspaper that such a bill had been introduced by Maurice A. FitzGerald, "dean" of the assemblymen

(Continued on page 35)

F.T.C. Member Urges Passage of Lea Bill

Davis Tells House Committee Right to Bar Deception Is Public Need

WASHINGTON, Feb. 18, 1937.

Ewin L. Davis, member of the Federal Trade Commission, appeared before the house committee on interstate and foreign commerce today and asked approval of the Lea bill, H.R. 3143, to give the commission power to prevent unfair or deceptive acts and practices in interstate commerce.

He told the committee that the addition of this provision to the commission's organic act would permit it to protect competitors and the general public without the necessity of proving injury to competitors as is now required. Not only is this proof frequently difficult and costly to establish, but it is unnecessary and is impossible to obtain in cases where the offender has no competitor or where all competitors in the industry are equally guilty, he said.

The bill also contains provisions for expediting the service of complaints and court appeals from the commission's orders, and Commissioner Davis asserted that such amendments would be very helpful in speeding and simplifying its work. One of these amendments would permit the commission to seek an enforcement order from the circuit court when it has reason to believe that its order is about to be disobeyed. At present the commission must obtain proof of violation before seeking an enforcement order.

Compressibility of gases may be determined from observations of pressures and temperatures alone by a new method developed by E. S. Burnett in the laboratory of the helium plant of the United States Bureau of Mines. The necessity of making volume measurements has been eliminated by the new method.

Drug Bills Introduced In Washington, Texas

Bills for revision of the respective State food and drugs acts have been introduced in the legislatures of Washington and Texas. Both bills would extend the scope of the State laws to comprise cosmetics and the advertising of articles in the three classes with which they have to do.

The Texas bill closely follows the original form of the Copeland bill (S. 5) now pending in Congress. But, instead of requiring disclosure of the active ingredients on the label of a compounded drug, it introduces the Louisiana provision that a nonofficial drug is misbranded if its "label has been disap-

(Continued on page 48)

Drug Bill Endorsed to Senate

Commerce Committee Reports S.5 Favorably with Few Changes—Early Passage Likely

WASHINGTON, Feb. 18, 1937.

The Copeland food and drug bill, S. 5, was favorably reported to the senate Monday by the committee on commerce, together with a large number of amendments, mostly of relatively minor effect.

The report, written by the committee chairman, Senator Royal S. Copeland of New York, does not discuss the amendments and is largely the statement which Senator Copeland made public when the bill was introduced January 6. No hearings were held on the bill and committee consideration was brief, the justification being that all matters covered by the bill were the subject of extensive hearings in the last Congress.

There appears to be little opposition to the bill in the senate, and it is probable that it will be called up and passed within the next week or two.

The amendments recommended by the committee are numerous and technical, and most of them simply make clarifying changes in language.

One change which may rouse opposition in some quarters substitutes "and" for "or" in one of the definitions of misbranded drugs so that a drug label would have to bear both adequate directions for use and adequate warnings against hazardous use.

The provision permitting the advertisement of treatments for certain diseases in medical journals would be extended to dental and pharmaceutical journals under another amendment.

The somewhat controversial clause of the former S. 5, relating to the substantiating of therapeutic claims by medical opinion would be replaced by another amendment, with a provision that a representation concerning the effect of a drug is to be deemed false if not supported by persons qualified

(Continued on page 48)

F.T.C. Refuses to Drop Floor Covering Action

WASHINGTON, Feb. 16, 1937.

The Federal Trade Commission has denied the motion of the Bird Floor Covering Corporation and Montgomery Ward & Co., to dismiss the joint complaint against them charging violation of the Robinson-Patman act, and hearings are continuing for the taking of respondents' testimony.

The companies moved to dismiss on the ground that evidence produced in support of the complaint to date does not warrant further proceedings. The case is one of the first to be brought under the act.

Closing Market Developments

London Closing Cable

LONDON, February 19, 1937.

Prices on quicksilver were nominal at £14 per flask.

Wormseed Oil Higher

Quotations on wormseed oil were advanced again late last week, values going to the basis of $2.60 to $2.70 per pound as the primary market prices rose. Palmarosa oil was also higher at $3 to $3.25 per pound with stocks showing steady shrinkage and replacement costs rising substantially.

Tin Salts Higher

Price for Straits tin was advanced sharply Friday to 53⅞c. per pound. Tin crystals were higher at 39½c. to 40c. per pound; anhydrous tetrachloride of tin, 27c. per pound; soda stannate, 35c. to 38c. per pound.

Coconut Oil Firm

No further advance in coconut oil was announced late in the week, but the market presented a very firm appearance owing to the recovery in copra. Sellers were not inclined to offer very freely for any delivery. The inquiry was light.

Lead Products Strong

With pig lead strong at the sharp advances of Thursday and Friday, lead products were bought heavily. Up to a late hour Friday, there was no change in lead-in-oil or in the small-package prices of red lead. An increase in these prices was expected at any moment, probably within 24 hours. According to the belief among corroders, dry white lead prices would not be altered at this time.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Ammonia Sulphate:—Netherland India has set a quota of 46,000 metric tons for total imports of ammonia sulphate for the ten months' period from January 27.

Chemicals and Perfumes:—Tunisia has provided for the temporary duty-free admission under bond, for re-exportation within a prescribed period, of steel drums containing chemical products dutiable at a rate of or equivalent to 34 francs or more per 100 kilos or containing natural or artificial perfumes imported by manufacturers of soap.

Oil Cakes:—Sweden has reduced the tax on imported and domestically produced linseed cakes and linseed meal from 0.02 crown to 0.01 crown per kilo, and that on all other oil cakes and related products from 0.04 crown to 0.03 crown per kilo.

Oil Seeds:—Poland is to cancel, effective March 15, existing premiums paid on exports of Polish oil seeds.

Paraffin:—Uruguay has increased the duty on paraffin, other than that which is imported as a raw material, from 31 percent plus a surtax of 21 percent of an official customs valuation of 0.20 peso per kilo, to 48 percent plus a surtax of 21 percent of the official customs valuation.

Perfumery:—Venezuela has extended to the United States the same reduced duty concessions on perfumery as accorded to specified classes of French goods under the Franco-Venezuelan commercial agreement of August 7 last.

Pharmaceutical Products: — Panama has given importers and domestic manufacturers of pharmaceutical products a period of 60 days from January 26, in which to comply with the requirement for the registration of their products with the Panaman National Board of Pharmacy. Products not registered will be prohibited importation and sale.

Salts, Bismuth and Iron:—Czechoslovakia has made bismuth and iron salts and compounds subject to a turnover tax of 3 percent of the duty-paid value.

Snake Bite Poison:—Colombia, by a pharmaceutical resolution promulgated December 7, prohibits the advertising or sale of pharmaceutical specialties alleged to be remedies for snake bite poison.

Soaps:—Argentina's regulations governing the standards and labels for soaps and soap products will become effective March 1.

Chemical Price Trend Rising

Evidence of a rising trend of prices was noticeable in the markets for heavy and fine chemicals last week. In large part this was attributable to further increases in the market strength of major nonferrous metals. Demand was not a potent influence, the movement of materials being slowed up as a whole. Inventories earlier acquired were held responsible for this, some influence being seen in the continued mildness of the weather. Seasonal activities grew apace.

Prices were advanced on blue vitriol, carbonate of copper and the red and black oxides, arsenate of lead, red lead, litharge, orange mineral, tin crystals, anhydrous tetrachloride of tin, menthol agar, cocoa-butter, domestic barytes (at Chicago), some minor dammars, domestic bone, and Japanese fish meal. Reductions applied to quicksilver, silicas, dried blood, imported and Eastern domestic tankage, and to steamed bone and bone meal at Chicago.

The REPORTER'S composite index number of prices for heavy and fine chemicals was not appreciably affected, remaining at 125.8 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 89.1, against 88.8 at this time last year.

Soap, Laundry: — Panama has increased the import duty on ordinary laundry soap from 12 cents to 15 cents per gross kilo.

Sodium Bichromate:—Argentina has exempted sodium bichromate, imported for manufacturing tanning material, from the payment of import duty.

Sodium Nitrate:—Italy has increased from 40,000 to 60,000 metric tons the quota of crude sodium nitrate which may be imported during the period ending June 30 next.

Pharmaceutical Products:—Venezuela has postponed from January 29 to March 29, the effective date of the revised regulations governing the importation and sale of pharmaceutical products.

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N.Y.Q. to Distribute Mathieson Alkalies

The New York Quinine & Chemical Works, Inc., 99 North Eleventh street, Brooklyn, has been appointed by the Mathieson Alkali Works, Inc., 60 East Forty-second street, this city, as jobber of less-than-carload quantities of the alkalies manufactured by the latter company.

The N.Y.Q. organization will be l.c.l. distributor in the New York metropolitan district, of Mathieson's light soda ash, solid and flake caustic soda, bicarbonate of soda, and aqua ammonia.

'Hot Oil' Bill Supported And Attacked in Hearing

Officials and Producers Favor It —Independent Jobbers and Marketers Oppose

WASHINGTON, Feb. 17, 1937.

The Connally bill to make the so-called hot oil law permanent legislation was supported and attacked during the week of hearings before a senate sub-committee which terminated today.

The existing law, which would expire in June, prohibits interstate shipment of petroleum or its products produced in violation of State proration laws, and the bill, S. 790, would make no changes other than elimination of the expiration date. Hearings were conducted by a subcommittee of the senate finance committee composed of Senators Tom Connally of Texas, author of the bill, and Senators Augustine Lonergan of Connecticut and John Townsend of Delaware.

Federal and State officials and spokesmen for the majority of producers and refiners testified in favor of the bill, while opposition came chiefly from representatives of independent jobbers and marketers who complained that the law operates to fix a margin of profit under which they cannot exist.

Foremost in the ranks of government officials favoring the passage of the bill were Secretary of the Interior Ickes; George W. Holland, director of the Petroleum Conservation Division of the Department of Interior; Ernest O. Thompson, of the Texas Railroad Commission, and William McCraw, Attorney General of Texas.

Ernest Thompson introduced testimony to show that under the Connally law, conservation in the East Texas field had doubled the potential recovery of oil from that field. Estimates at the beginning of the field's operations were that it would yield 2,000,000,000 barrels of oil, according to Col. Thompson, and present estimates are that it will yield 4,000,000,000 barrels of crude.

Proponents of the bill among the refiners and producers argue that it should be continued because of its stabilizing effect on prices of gasoline and oil to the consumer, and in the best interests of the workers in the oil industry.

H. B. Fell, representating the National Stripper Wells Association, testified that the Connally act had saved the stripper well producers from going out of existence. When "hot oil" was allowed to get into interstate commerce, it sold below the price of legally produced oil, and drove the small stripper well operator out of business, because he could not meet costs, Fell declared.

Joining Fell in his support of the bill were Wilmer Schuh, National As-

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Drug Store Chain Sales Up 6.6 Percent in 1936

Total sales of chain drug stores in 1936 were 6.6 percent higher than in 1935, according to preliminary estimates of the Bureau of Foreign and Domestic Commerce. The greatest gain was shown by fountain sales, which were 13.3 percent higher; tobacco sales increased 4.8 percent, and all other sales 5.2 percent from last year.

These figures are based on reports for identical stores only and do not, therefore, reflect changes in volume due to an increase or decrease in the number of stores operated.

Paint and Varnish Output Made Big Gains in 1935

Value Increased 46 Percent, Wages 36 Percent, Employment 22 Percent

Value of output, employment, and amount of wages paid by establishments engaged primarily in the manufacture of paints, varnishes, and related products in the United States in 1935 showed notable advances over 1933, according to a report of the Bureau of the Census, compiled from returns made in the biennial census of manufactures. Products were valued at $350,741,574 in 1935, compared with $238,618,376 in 1933; the total amount of wages rose from $18,674,703 in 1933 to $25,503,801 in 1935, and the number of persons employed increased from 17,824 to 21,823.

Comparative statistics for the two years follow:—

	1935.	1933.
Number of establishments	993	873
Wage earners (average for the year)*..	21,823	17,824
Wages†	$25,503,801	$18,674,703
Cost of materials, containers, fuel, and purchased electric energy†	$196,217,785	$126,761,859
Value of products†	$350,741,574	$238,618,376

* Not including salaried officers and employees. The item is an average of the numbers reported for the several months of the year, equal weight being given to full-time and part-time wage earners.

† Profits or losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

Production by Kind, Quantity and Value in 1935

	1935. Value.
1. Establishments engaged primarily in manufacture of paints and varnishes and related products, except dry colors and pigments—all products, total value	$350,741,574
2. Paints and varnishes and related products	327,228,884
3. Other products	23,512,690
4. Paints and varnishes and related products made as secondary products in other industries and by establishments engaged primarily in manufacture of colors and pigments	8,473,095
Paints and varnishes and related products, aggregate value (sum of 2 and 4)	$335,701,979
Paints, total value	$158,481,925
Water paints and calcimines, dry or paste—	
Pounds	123,620,763
Value	$5,164,593
Plastic paints—	
Pounds	18,027,105
Value	$1,218,625
Paints in paste form—	
Total pounds	256,238,350
Total value	$23,267,858
White lead in oil, pure—	
Pounds	169,629,876
Value	$12,937,249
Combination or graded whites—	
Pounds	25,488,274
Value	$2,357,265
Red lead in oil—	
Pounds	3,428,497
Value	$306,023
Zinc oxide in oil—	
Pounds	1,246,833
Value	$143,819
Colors in oil—	
Pounds	19,931,818
Value	$3,707,026
Colors in japan—	
Pounds	1,294,393
Value	$374,332
Other paste paints—	
Pounds	35,218,659
Value	$3,442,144

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Patman Would Ban Reciprocal Trading

WASHINGTON, Feb. 17, 1937.

Business back-scratching, or log-rolling, euphemistically styled "reciprocity," is attacked by Representative Wright Patman in a bill (H.R. 4726) proposing an amendment to the Clayton act as a competitive evil. Mr. Patman would eradicate this evil by adding the following definition of unlawful practices to those against which the Clayton act has been directed:—

Section 3a. That it shall be unlawful for any person engaged in commerce, in the course of such commerce, to directly or indirectly make a sale or contract for sale of commodities or a contract for furnishing any service on the condition, agreement, or understanding that the vendor of such commodity or the furnisher of such service will in turn purchase from the vendee or person to receive such service, or from any person designated by him or it, any commodities or service, where the effect of such sale or contract for sale or contract for service or such condition, agreement, or understanding may be substantially to lessen competition or tend to create a monopoly in such line of commerce, or to injure, destroy, or prevent competition between competitors in such line of commerce.

Safety Rules for Chemical Workers

By John S. Shaw

Manager, Safety and Service Department, Hercules Powder Company, Wilmington, Delaware

(Excerpts from an address on "Fundamentals of Safety that Every Chemical Worker Should Know," delivered before the chemical division of the Twenty-fifth National Safety Congress and Exposition.)

Familiarity with Equipment

A chemical worker should be thoroughly familiar with the location and use of water hydrants, safety shower baths, fire blankets, exits, and fire-fighting equipment. He should be shown through the medical or first aid department and understand the importance of reporting promptly for first aid treatment for injury resulting from contact with any chemical, as well as for physical injuries. He should be trained in first aid and his training reviewed at least every three years. Competent instructors should give the training. Instructive literature should be used from the American Red Cross, the Bureau of Mines, the National Safety Council, and other reliable sources.

Protective Equipment

The chemical worker should keep in a safe and proper place, always ready for use, any protective equipment supplied him, such as goggles, rubber gloves, aprons, boots, or other articles. Gas masks, whether they are hose or canister type, should be tried on at regular and frequent intervals to make sure they will be working properly when needed. A canister, if equipped with a recording device showing the strength of the chemicals contained has diminished materially, should not be returned to its original place but should be discarded immediately, before it is entirely exhausted. If there is no recording meter on the canister, it should be discarded at the end of each year; but if used, it should be discarded immediately after use.

Canisters should be kept sealed until used, but the sealing must not be forgotten when the mask is put into use. Loss of life has occurred through failure to remove the adhesive seal from the bottom of the canister in times of emergency and excitement.

The hose mask should be kept in good condition, hose and fittings tight, and no part of the equipment used if cracked, old, or in a questionable condition. There should be sufficient hose to reach fresh air, and if the hose mask is used where the maximum length of

(Continued on page 26)

Fair Trade Enabling Act Backed by House Group

WASHINGTON, Feb. 17, 1937.

The Miller fair trade enabling bill was favorably reported by a subcommittee of the house judiciary committee today. The bill, which authorizes operations in interstate commerce in making resale-price-maintenance contracts for application in States where such are legal, is expected to be considered and approved by the full committee within a few days.

Criticism of the bill has been voiced by Representative Emanuel Celler, a member of the judiciary committee, who announced he would file a minority report "unmasking its hidden dangers," but nevertheless would vote for its passage. In a statement issued from his New York office, Congressman Celler declared he prefers direct legislation to outlaw loss leaders and charged that the underlying purpose of the Tydings-Miller bill is to compel manufacturers of trade-marked articles to fix prices that will assure retailers a fixed margin of gross profit.

Long outspoken in opposition to predatory "loss leaders" and all other unfair trade practices, Mr. Celler declared that such practices can more effectively be outlawed through direct legislation than through legislation of the Tydings-Miller type. Department-store opponents of the latter measure were blamed by Mr. Celler for the movement for such "dangerous" legislation, because they had not offered to provide a "safe remedy" for the "loss leader" and related evils.

Alcohol for Beverages Is Limited to Grain in Bill

WASHINGTON, Feb. 17, 1937.

A bill to limit beverage alcohol to that produced from cereal grains has been introduced in the house by Representative Emanuel Celler of New York. The bill (H. R. 4598) would prohibit the manufacture of whisky from alcohol produced in whole or in part from materials other than cereal grains, and would prohibit interstate shipment of any other distilled spirits except rum, brandy, cordial, liquors, or bitters for beverage or other non-industrial uses unless the container is labeled so as to state the principal material from which is produced the alcohol contained in such spirits.

Ethyl Gasoline Disparagement By Cushing Banned by F.T.C.

WASHINGTON, Feb. 19, 1937.

The Federal Trade Commission has issued a cease and desist order against the Cushing Refining & Gasoline Company, Cushing, Okla., enjoining it from unfairly disparaging ethyl gasoline and representing that it makes a gasoline by a new process that is superior to that in which tetraethyl lead is used as an antiknock agent.

Sterling Products Gets Clean Bill from F.T.C.

WASHINGTON, Feb. 15, 1937.

The Federal Trade Commission has dismissed its complaint against Sterling Products, Inc., New York, which manufactures and sells, among other things, Phillips' dental magnesia and "Danderine" hair dressing.

The complaint alleged that Sterling Products, Inc., in violation of section 7 of the Clayton act, had acquired the capital stock of a competitor, the R. L. Watkins Company, manufacturer of Dr. Lyon's tooth powder and "Glostoria," a hair dressing, New York.

The complaint was dismissed for the reason that the evidence showed that purchase by the respondent corporation of the capital stock of the competing company did not result in a substantial lessening of competition or restraint of trade.

Bennett to Be Speaker At Drug-Chemical Dinner

John J. Bennett, jr., attorney general for the State of New York, will be the principal speaker at the twelfth annual dinner to the drug and chemical trades, March 4, in the Waldorf-Astoria, this city, under the sponsorship of the Drug, Chemical and Allied Trades section of the New York Board of Trade. The title of his address has not been chosen yet, but Joseph A. Huisking, of Charles L. Huisking & Co., chairman of the section, said last week that it would be a timely and interesting discussion of a problem of great importance to the drug and chemical trades.

The toastmaster will be A. Kiefer Mayer, of the Kiefer-Stewart Company, wholesale druggist, and chairman of the board of control of the National Wholesale Druggists' Association. The Silvertown Cord Orchestra and a group of radio artists will provide entertainment.

Reservations are well in excess of twelve hundred at this time, and the outlook now is for a capacity attendance. Ray C. Schlotterer, secretary of the section, urges that reservations be made to him at 41 Park Row, this city, in order that none be disappointed. Hospitality will begin at six o'clock and dinner service will start promptly at seven thirty, according to Mr. Huisking, who asks that all arrange their individual entertainment to conform with the seven thirty dinner hour.

Basing Point Pricing Reattacked by Wheeler

WASHINGTON, Feb. 18, 1937.

Senator Burton K. Wheeler of Montana has reintroduced his so-called 'anti-basing point" bill (S. 1581), amending the Clayton antitrust act, to prevent the selling of commodities at delivered prices except when only the actual delivery charge is included, and to require a seller to accept delivery at the shipping point without the addition of any delivery charges.

Dry Colors, Pigments Output Gained in 1935

Production and Wages Advanced 30 Percent—Employment Gained 16 Percent

Manufacturers engaged primarily in the production of dry colors and pigments report substantial increases in output, employment and wages in 1935 compared with 1933, according to a report of the Bureau of the Census compiled from returns made in the biennial census of manufactures. The value of the products in 1935 totaled $66,257,992, an increase of 30 percent over 1933; the total number of wage earners was 5,863, a gain of 16 percent; and the amount of wages drawn was $6,683,066, an advance of 30 percent over 1933.

Comparative statistics for the two years follow:—

	1935.	1933.
Number of establishments	89	86
Wage earners (average for the year)[1]	5,863	5,056
Wages	$6,683,066	$5,115,834
Cost of materials, containers, fuel, and and purchased electric energy[2]	$35,765,167	$26,264,378
Value of products[2]	$66,257,992	$50,823,580

[1] Not including salaried officers and employees. The item is the average of the numbers reported for the several months of the year, and equal weight is given to full-time and part-time wage earners, not reported separately by the manufacturers.

[2] Profits or losses cannot be calculated from the census figures, because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

Production by Kind, Quantity, and Value, 1935 and 1933.

(Figures represent production for sale unless otherwise stated.)

	Pounds.	Value.
1. Establishments engaged primarily in manufacture of dry colors and pigments—all products, total value:—		
1935	.....	$66,257,992
1933	.....	50,823,580
Dry colors and pigments:—		
1935	.....	61,671,883
1933	.....	46,955,584
Other products:—		
1935	.....	4,586,109
1933	.....	3,867,996
Dry colors and pigments made as secondary products in other industries (except the paper and linoleum industries) and by establishments engaged primarily in manufacture of paints and varnishes:—		
1935	.....	24,728,797
1933	.....	15,220,943
Dry colors and pigments, aggregate made for sale (values are sums of 2 and 4):—		
1935	1,506,740,250	86,400,680
1933[1]	1,210,523,120	62,176,527
C. P. chrome yellows and oranges, total production:—		
1935[2]	39,170,554	.....
Made and consumed in same establishments:—		
1935[2]	4,637,413	.....
Interplant transfers:—		
1935[2]	3,197,691	434,407
Made for sale:—		
1935[2]	31,335,450	2,961,861

(Continued on page 40)

Patman Seeks to Curb Retailing Manufacturer

WASHINGTON, Feb. 16, 1937.

Representative Wright Patman has introduced, in keeping with his reiterated purpose, a bill designed to restrict retail selling by manufacturers. This measure (H.R. 4722) does not go the whole way of the draft issued by its author some weeks ago. The proposed curb would apply only to a manufacturer's retailing that would be detrimental to established retailers handling his product.

With respect to such competition of a manufacturer with his retail distributors this Patman bill would add the following provision to the Federal Trade Commission act:—

It shall be deemed to be an unfair method of competition in commerce, within the intent and meaning of section 5 of said Federal Trade Commission act, for a manufacturer, as defined hereinabove, to offer for sale and sell at retail to consumers any of the commodities produced or manufactured by such manufacturer, where the effect of so offering for sale and selling such commodities at retail to consumers may be substantially to lessen competition between such manufacturer and his customers, or tend to create a monopoly in such line of commerce or to injure, destroy, or prevent competition by, a customer or customers of such manufacturer, as customer is hereinabove defined,

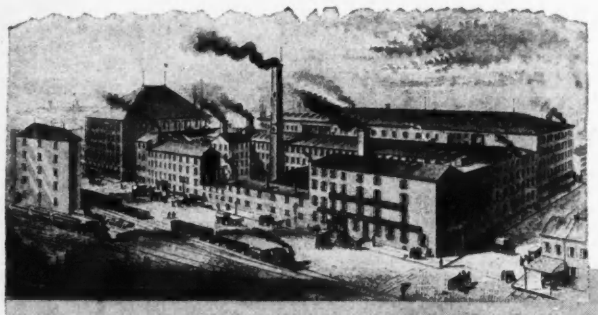
A Guaranty of MERCK Purity & Reliability

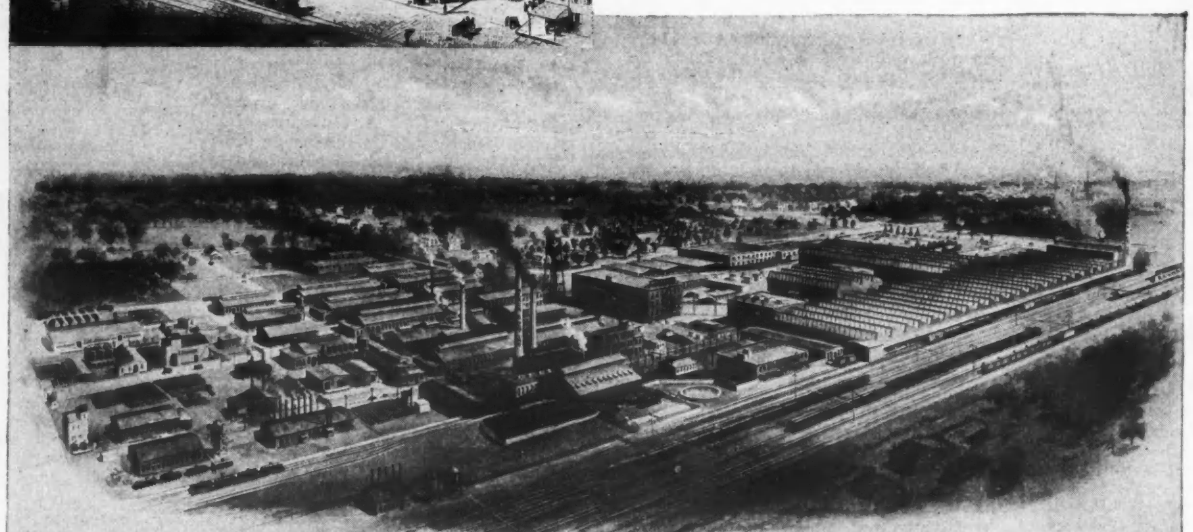
Merck Quinine Sulfate

One hundred and fourteen years ago the firm of Powers & Weightman, later merged with Merck & Co., began the manufacture of Quinine Sulfate. Ever since that time an increasing number of pharmaceutical manufacturers have standardized on the first "Made in America" quinine, and today Merck Quinine Sulfate U. S. P. is a leader in the field.

This preference of the Merck brand by discriminating customers is due to the uniform purity and efficacy of the product; and these two important factors are the result of long manufacturing experience and rigid laboratory control.

Merck Quinine Sulfate is available in several different densities, all standardized, for capsulating. In accordance with the interpretation of the Pure Food and Drugs Act, the improved U.S.P. XI product will be supplied on all unspecified orders. The U. S. P. X product, regular and bulky, is available on specification. Write us regarding your manufacturing problems and requirements.





MERCK & CO. Inc. **Manufacturing Chemists** **RAHWAY, New Jersey**

NEW YORK PHILADELPHIA ST. LOUIS ★ In Canada: Merck & Co. Ltd. MONTREAL and TORONTO

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

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A

Acacia (see Gum, Arabic)
Acetal, dms., works.....lb. .75 - 1.00
Acetaldehyde, dms., c.l., works.lb. .14 - —
l.c.l., works.....lb. .16 - —
Acetamide, CP, bots., kegs, c.l., works..lb. .35 - —
l.c.l., 1,000 lbs., works..lb. .43 - —
smaller lots, works.....lb. .48 - 1.00
tech., kegs, c.l., works.....lb. .32 - —
l.c.l., 1,000 lbs., works..lb. .38 - —
smaller lots, works.....lb. .43 - .75
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls., 1,000 lbs.....lb. .25 - —
smaller lots.....lb. .26 - —
kegs, 1,000 lbs.....lb. .26 - —
smaller lots.....lb. .27 - —
Acetin, tech., dms.....lb. .22 - .23
Acetoacetanilide, dms.....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .07 - —
l.c.l., dlvd.....lb. .07½- —
tanks, dlvd.....lb. .06 - —
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetphenetidin, bbls., kegs, 1,000 lbs..lb. 1.30 - —
single pkg.....lb. 1.35 - —
smaller pkgs.....lb. 1.32 - 1.40
Acid, abietic, bbls., c.l.....lb. .06¾- —
l.c.l.....lb. .07 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.25 - —
cbys.....100 lbs. 2.75 - —
56%, bbls.....100 lbs. 4.40 - —
cbys.....100 lbs. 4.90 - —
70%, bbls.....100 lbs. 5.50 - —
cbys.....100 lbs. 6.00 - —
80%, bbls.....100 lbs. 6.00 - —
cbys.....100 lbs. 6.50 - —
glacial, nat., CP., cbys.100 lbs.14.00 - —
com'l., nat., bbls., c.l., 100 lbs. 8.00 - —
cbys.....100 lbs. 8.50 - —
99.5%, nat., bbls., c.l., 100 lbs. 8.43 - —
cbys.....100 lbs. 8.93 - —
syn., al. dms., c.l.100 lbs. 8.43 - —
cbys.....100 lbs. 8.93 - —
USP., reagent, 99.8%, al. dms..100 lbs.10.60 - —
cbys.....100 lbs.11.00 - —
pure, 30%, bbls., c.l...100 lbs. 3.52 - —
cbys.....100 lbs. 3.92 - —
36%, bbls., c.l.....100 lbs. 3.95 - —
cbys.....100 lbs. 4.45 - —
60%, bbls., c.l.....100 lbs. 6.63 - —
cbys.....100 lbs. 7.13 - —
80%, bbls., c.l.....100 lbs. 8.32 - —
cbys.....100 lbs. 8.82 - —

Acetic acid prices for commercial or redistilled are for any quantity; l.c.l. prices for other grades are uniformly 25c. per 100 lbs. higher than c.l. prices.

Acetic, anhydride, dms., c.l..lb. .13 - —
l.c.l., dms., cbys.....lb. .14 - .15
Acetylsalicylic, USP, bbls. 225 lbs..lb. .55 - —
boxes, 25 lbs.....lb. .56 - —
kegs, 100 lbs.....lb. .55 - —
Anthranilic, refd., bbls.....lb. .85 - .90
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Battery, cbys, c.l. E. works 100 lbs. 1.35 - 1.50
l.c.l., 25 or more, E. works, 100 lbs. 1.60 - 1.75
10-24, E. works.....100 lbs. 2.35 - 2.50
1-9, E. works.....100 lbs. 2.35 - 2.50
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .60
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd.....ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton. 95.00 - —
c.l., delvd.....ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd.....ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -135.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd.....ton.105.00 - —
l.c.l., ex whse.....ton.110.00 -125.00

USP., $25 per ton higher.

Broenner's, bbls.....lb. 1.11 - —
Butyric, 95%, w.w., cbys.,works, lb. .28 - .35
edible, cbys., works.....lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cans.....lb. 5.50 - 5.70
Capric, dms.....lb. .19½- .20
Caproic, cans.....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .16 - .16½
Chicago, bbls.....lb. 2.10 - —
Chlorosulphonic, dms., c.l., works..lb. .03½- —
5 drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y. lb. .14¾- .16¾
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., bbls.....lb. .25 - —
kegs.....lb. .25½- —
gran., bbls.....lb. .25 - —
kegs.....lb. .25½- —
powd., bbls.....lb. .25½- —
anhyd., gran., dms.....lb. .27½- —
powd., dms.....lb. .28 - —

Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.

Acid, cleve's, bbls.....lb. .50 - —
Cottonseed oil, dms.....lb. .09½- .10¾
Cresylic, high-boil, dms., c.l., works, frt. equaled..gal. .72 - —
l.c.l., same basis....gal. .74 - —
low-boil, dms., c.l., works, frt. equald..gal. .77 - —
l.c.l., same basis....gal. .79 - —
imported pale, 97-99, dms..gal. .84 - .99
special resin grade, dms., c.l., works..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Crotonic, dms., works.....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls.....lb. .77 - .79
Formic, dom., seaboard, 90%, cbys., f.o.b. stock points, c.l. .....lb. .11 - —
l.c.l., 25 and over.....lb. .11½- —
1-24 .....lb. .12 - —
Southern territory, cbys., c.l., lb. .1220- .1290
l.c.l., 25 and over.....lb. .1270- .1340
1-24 .....lb. .1320- .1390
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
Fumaric, bbls.....lb. .60 - —
Furoic, tech., fib. ctns., 100 lbs., works..lb. .35 - —
smaller lots, works.....lb. .45 - —
Gallic, tech., bbls.....lb. .65 - .68
N.F., VI, bbls.....lb. .77 - .80
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .50 - .55
Hempseed oil, dms.....lb. .1180-.1225
Hydriodic, 47%, bots.....lb. 2.20 - 2.25
57%, bots.....lb. 2.65 - 2.70
Hydrobromic, 10%, USP,cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.30
Hydrofluoric, 30%, bbls.....lb. .07 - .07½
lead, cbys.....lb. .09 - .09¾
48%, lead cbys.....lb. .11¾- .12
52%, lead cbys.....lb. .12½- .13
60%, lead cbys.....lb. .15 - .15½
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls.....lb. .36 - .37
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11¾
plastic grade.....lb. .12¼- .13¾
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11¼- .12¼
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, X, 85%, cbys.....lb. .42 - .45
USP, VIII, 75%, cbys.....lb. .40 - .43
Linseed oil, dark or light, dms..lb. .1300- .1340
tanks .....lb. .1240- —
extra white, dms.....lb. .1125- .1175
split, dms.....lb. .0950- .1060
Laurent's, bbls.....lb. .45 - —
Maleic, powd., dms.....lb. .30 - .40
anhydride, dms.....lb. .33 - .43
Malic, powd., kegs.....lb. .45 - .60
Mandelic, bots.....lb. 3.50 - —
fib. dms.....lb. 3.25 - —
jars .....lb. 3.25 - 3.35
Mixed, tanks, nitric unit.....lb. .06½- .07½
sulphuric unit.....lb. .0085- .009
Monochloroacetic, tech., bbls.lb. .16 - .17
99%, bbls.....lb. .18 - .19
Monosulphonic, bbls.....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.35 - —
l.c.l., 25 and over, E. works..100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
1 to 9, works..100 lbs. 2.35 - —
tanks, works.....100 lbs. 1.00 - —
20°, cbys., c.l., E. works. 100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.10 - —
22°, cbys, c.l., E. works. 100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
1 to 9, works..100 lbs. 2.95 - —
tanks, works.....100 lbs. 1.60 - —
CP, cbys.....lb. .06½- .07½
6-lb. bots.....lb. .08½- .12½
Myristic, dms.....lb. .14¼- .15
white, redist., dms.....lb. .15¾- .16½
Naphthenic, S.V. 120-200, dms, lb. .07 Nom.
210-230, dms.....lb. .09 Nom.
240-280, dms.....lb. .10 Nom.
sludges, dms.....lb. .05 Nom.
Nevile & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
1 to 9, works..100 lbs. 6.00 - —
Acid, nitric, 38°, cbys., c.l., E. works..100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
1 to 9, works..100 lbs. 6.50 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
1 to 9, works..100 lbs. 7.00 - —
42°, cbys, c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
1 to 9, works..100 lbs. 7.50 - —
CP, cbys.....lb. .11¼- .12½
7-lb. bots.....lb. .12½- .22½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities....lb. .12 - .14
Palm oil, dms.....lb. .08¾- .09¼
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Phenylacetic, bots.....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys.....lb. .09 - —
USP, 85%, s.g. 1.710, djns.lb. .13 - .14
50%, s.g. 1.347, cbys, djns., lb. .14 - —
10%, dilut., cbys, djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls., c.l.....lb. .30 - —
l.c.l. .....lb. .35 - .40
Propionic, ref., cbys., works. lb. .25 - —
dms., works.....lb. .22 - —
tech., cbys., works.....lb. .20 - —
dms., works.....lb. .16 - —
Pyrogallic, tech., lump, powd., bbls..lb. .90 - —
cns. .....lb. .95 - —
USP, cryst., cns.....lb. 1.55 - 1.60
resubl., cns.....lb. 1.90 - 2.00
Pyroligneous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, dms.....lb. .20 - .28
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist., dms.....lb. .10½- .11½
Stearic, distil., double pressed. bgs., dlvd..lb. .12½- .13¼
single pressed, bgs., dlvd.lb. .12 - .13
triple pressed, bgs., dlvd.lb. .15¼- .16¼
saponif., double pressed bgs., dlvd..lb.12¾- .13¾
triple pressed, bgs., dlvd..lb. .15½- .16½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
1 to 9, works....100 lbs. 2.10 - —
tanks, E. works.....ton.12.00 - —
66°, cbys., c.l., E. works. 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
1 to 9, works....100 lbs. 2.35 - —
tanks, E. works.....ton.15.50 - —
98%, tanks, works.....ton.16.50 - —
CP, cbys.....lb. .06½- .07½
9-lb. bots.....lb. .08½- .17½
fuming, 20%, tanks, E. works. ton.18.50 - —
65%, tanks, E. works....ton.35.00 - —
Tannic, tech., bbls.....lb. .19 - .25
USP, fluffy, bbls.....lb. .83 - .88
Tartaric USP. dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .21¾- —
smaller quantities.....lb. .22¼- —
kgs. .....lb. .22¾- —
Tobias, bbls.....lb. .65 - —
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, kgs.....lb. 2.45 - 2.70
tech., kgs.....lb. 1.50 - 1.60
Aconite leaves, bls.....lb. .22 - .24
Root, bls.....lb. .28 - .30
Aconitine, amorph., bots.....oz.17.00 -18.00
vls. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vls. .....gr. .09 - .11
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar agar, 1, bls.....lb. .95 - 1.00
2, bls.....lb. .90 - Nom.
3, bls.....lb. .70 - .75
Agaric, white, bls.....lb. 3.00 - 3.25
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago.....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago.lb. .13 - —
ton lots, Chicago.....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago.....lb. .45 - .50
import, bgs.....lb. .50 - —
Egg, ed., dom., bbls.....lb. 1.05 - —
import, cs.....lb. .76 - .78
Milk, grd., sks., c.l.....ton. No stocks
ungrd., sks., c.l.....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .133 - —
l.c.l., frt. alld.....lb. .143 - —
tanks, frt. alld.....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Benzyl, bots.....lb. .65 - 1.20

Alcohol, butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt., alld.....lb. .10½- —
tanks, frt., alld.....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capyrl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl., dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
coml., dms.....lb. .95 - —
import, 85%, dms., 100 lbs.lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.50 - 3.50
Denatured, CD11, 12, 13, dms., c.l., works, E., frt. equal.gal. .33 - —
20 dms., East.....gal. .35 - —
1-19 dms., East.....gal. .38 - —

Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit

SD1, 190 pf., bbls., c.l., E. works..gal. .33 - —
19 bbls., E. works...gal. .35 - —
1 to 18 bbls., E. works, gal. .38 - —
dms., c.l., E. works....gal. .32 - —
19 dms., E. works...gal. .34 - —
1 to 18 dms., E. works, gal. .37 - —
tanks, E. works.....gal. .26 - —

Anhydrous, 5c. per gal. higher.

Special solvent, dms., c.l., E. works..gal. .33 - —
20 dms., E. works...gal. .35 - —
1 to 19 dms., E. works. gal. .38 - —
tanks, E. works.....gal. .27 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld..lb. .18 - —
l.c.l., frt. alld.....lb. .18½- —
tech., contract, dms., c.l., frt. alld. .....lb. .17 - —
l.c.l., frt. alld.....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.12 - —
19 bbls.....gal. 4.14 - —
1 to 18 bbls.....gal. 4.17 - —
dms., c.l.....gal. 4.11 - —
19 dms.....gal. 4.13 - —
1 to 18 dms.....gal. 4.16 - —
tanks .....gal. 4.06 - —
absolute, dms.....gal. 4.04 - 6.06½

Grain alcohol 40c. per gal. higher.

Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky mts.lb. .10 - —
l.c.l., same terms.....lb. .10½- —
tanks, same terms.....lb. .09 - —
Isoamyl, primary, dms., l.c.l., dlvd. .....lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Isopropyl, denat., grd., dms., c.l., frt., alld..gal. .32 - —
l.c.l., frt., alld.....gal. .33 - —
refd., 91% dms., cl., f.o.b. dest., E. of Miss. crossing .....gal. .50 - —
l.c.l., same terms....gal. .55 - —
tanks, same terms....gal. .40 - —
98%, dms., c.l., same terms. gal. .60 - —
l.c.l., same terms....gal. .65 - —
tanks, same terms....gal. .50 - —
tech., 91%, dms., c.l., same terms..gal. .45 - —
l.c.l., same terms....gal. .50 - —
tanks, same terms....gal. .35 - —
98%, dms., c.l. same terms. gal. .55 - —
l.c.l., same terms....gal. .60 - —
tanks, same terms.....gal. .45 - —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .25 - —
Aletris root, bgs.....lb. .30 - .31
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .18 - .19
Curacao, cs.....lb. .21 - .22
gourds, bbls.....lb. .50 - .51
Socotrine, kgs.....lb. .35 - .36
Aloin, bbls., cns.....lb. 1.50 - 1.55
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bls.....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works.....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —

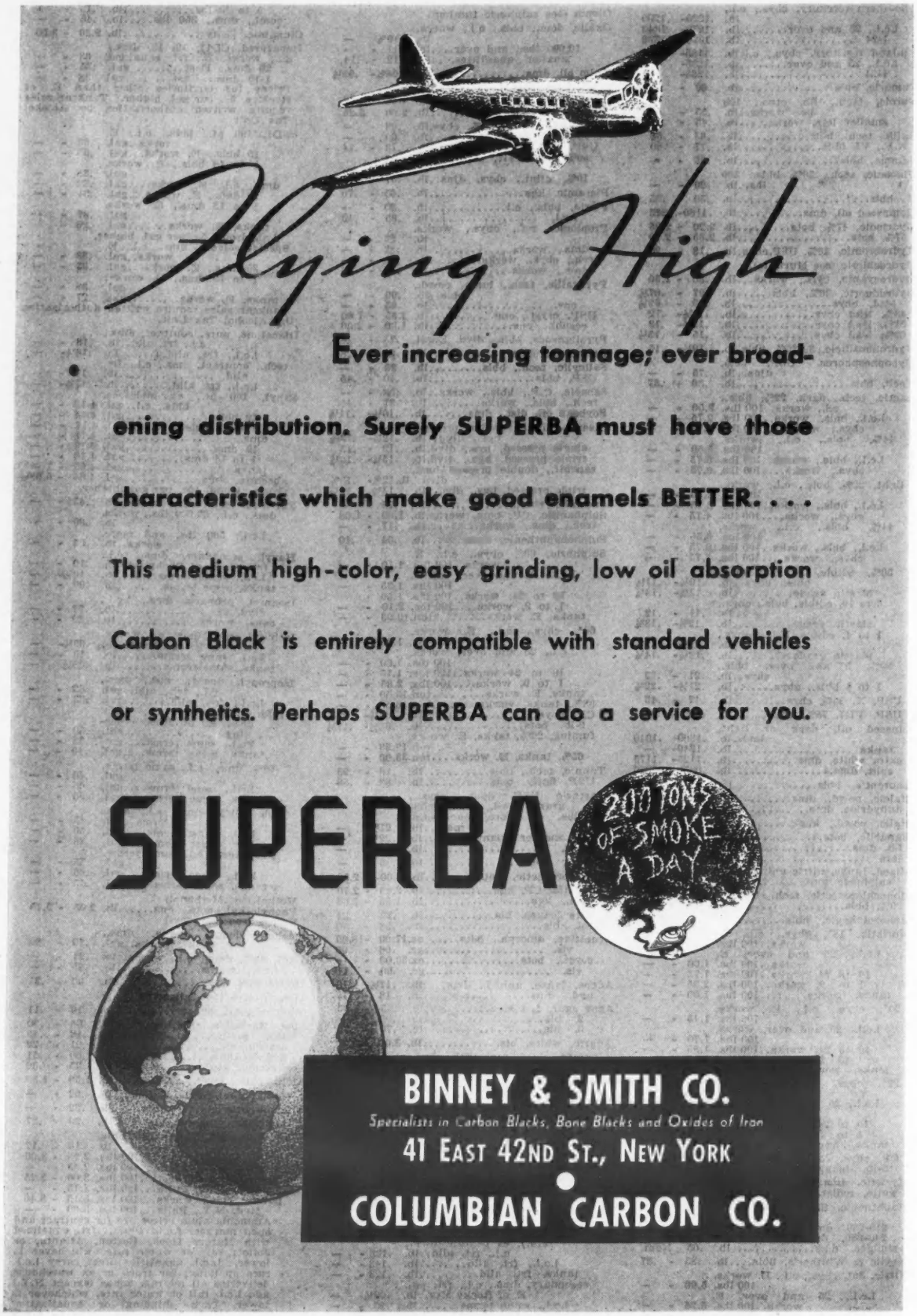
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Alum, Potash—Ammo. Iodide

Alum, potash, gran., bbls., works	100 lbs.	3.00	- 3.25
divd. N.Y., Phila.	100 lbs.	3.15	- —
lump, bbls., works	100 lbs.	3.25	- 3.50
divd. N.Y., Phila.	100 lbs.	3.40	- —
powd., bbls., works	100 lbs.	3.40	- 3.65
divd. N.Y., Phila.	100 lbs.	3.55	- —
Potash alum prices on same basis as those for ammonia alum.			
Potash-chrome, bbls.	lb.	.07	- .07½
Soda, bbls., c.l., works	100 lbs.	3.25	- —
l.c.l., divd.	100 lbs.	4.25	- 5.00
Alumina acetate, CP, 20% solut., bbls.	lb.	.09	- .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works	lb.	.05	- —
12,000 to 40,000 lbs., works	lb.	.06	- —
1,100 to 11,000 lbs., works	lb.	.07	- —
140 to 875 lbs., works	lb.	.08	- —
100 lbs. or less, works	lb.	.09	- —
cryst., com'l, dms., c.l., works	lb.	.06	- —
l.c.l., dms., works	lb.	.06½	- —
solution, 32 deg., cbys., c.l., works	lb.	.02¾	- —
l.c.l., cbys., works	lb.	.03¼	- —
Hydrate, heavy, bbls., c.l., works	lb.	.0290	- —
less car lots, works	lb.	.03½	- —
light, bbls., divd.	lb.	12	- —
Oleate, dms., contr.	lb.	.16¾	- —
open order	lb.	.17½	- .18½
Palmitate, precip., bbls.	lb.	.23	- —
Resinate, precip., dms., divd.	lb.	.15	- —
Alumina stearate, precip., bbls., ctns., c.l.	lb.	.19	- —
l.c.l., ton	lb.	.20	- —
less than ton	lb.	.21	- —
Sulphate, com'l bgs., c.l., works, frt. equaled	100 lbs.	1.80	- —
l.c.l., works, frt. equald.	100 lbs.	1.60	- —
bbls., c.l., works, frt. equald	100 lbs.	1.55	- —
l.c.l., works, frt. equald.	100 lbs.	1.80	- —
Iron-free, bgs., c.l., works,	100 lbs.	2.00	- —
l.c.l., works	100 lbs.	2.25	- 2.40
truckload, divd, met. N.Y.	100 lbs.	2.40	- —
10 to 24, divd. met. N.Y.	100 lbs.	2.55	- —
5 to 9, divd. met. N.Y.	100 lbs.	2.80	- —
1 to 4, divd. met. N. Y.	100 lbs.	3.30	- —
bbls., c.l., works	100 lbs.	2.20	- —
l.c.l., works	100 lbs.	2.45	- —
truckloads, divd., met. N.Y.	100 lbs.	2.60	- —
10 to 24, divd. met. N.Y.	100 lbs.	2.75	- —
5 to 9, divd., met. N.Y.	100 lbs.	3.00	- —
1 to 4, divd. met. N.Y.	100 lbs.	3.50	- —
Aluminum, 98-99%, dms., c.l.	lb.	.19	- .19½
l.c.l.	lb.	.20	- .21
powder, dry, lining, ext. fine, dms., 30,000 lbs.; f.o.b. ship. pt. (see note below)	lb.	.90	- —
3,000-30,000 lbs., same basis	lb.	.92	- —
Aluminum, powder, dry, lining, ext. fine, dms., 1,000-3,000 lbs., same basis	lb.	.95	- —
less than 1,000 lbs., same basis	lb.	1.00	- —
standard, dms., 30,000 lbs., same basis	lb.	.55	- —
3,000-30,000 lbs., same basis	lb.	.57	- —
1,000-3,000 lbs., same basis	lb.	.60	- —
less than 1,000 lbs., same basis	lb.	.65	- —
litho. ext. brilnt., dms, 30,000 lbs., same basis	lb.	.41	- —
3,000-30,000 lbs., same basis	lb.	.42	- —
1,000-3,000 lbs., same basis	lb.	.46	- —
less than 1,000 lbs., same basis	lb.	.51	- —
ext. fine, dms., 30,000 lbs., same basis	lb.	.45	- —
3,000-30,000 lbs., same basis	lb.	.47	- —
1,000-3,000 lbs., same basis	lb.	.50	- —
less than 1,000 lbs., same basis	lb.	.55	- —
standard, dms., 30,000 lbs., same basis	lb.	.40	- —
3,000-30,000 lbs., same basis	lb.	.42	- —
1,000-3,000 lbs., same basis	lb.	.45	- —
less than 1,000 lbs., same basis	lb.	.50	- —
wallpaper, dms., 30,000 lbs., same basis	lb.	.40	- —
Aluminum powder, dry, litho., wallpaper, dms., 3,000-30,000lbs, same basis	lb.	.42	- —
1,000-3,000 lbs., same basis	lb.	.45	- —
less than 1,000 lbs., same basis	lb.	.50	- —
rubber comp., dms., 30,000 lbs., same basis	lb.	.39	- —
3,000-30,000 lbs., same basis	lb.	.41	- —
1,000-3,000 lbs., same basis	lb.	.44	- —
less than 1,000 lbs., same basis	lb.	.49	- —
unpolished, standard, dms., 30,000 lbs., same basis	lb.	.35	- —
3,000-30,000 lbs., same basis	lb.	.37	- —
1,000-3,000 lbs., same basis	lb.	.40	- —
less than 1,000 lbs., same basis	lb.	.45	- —
varnish, ext. brilliant, dms., 30,000 lbs., same basis	lb.	.41	- —
3,000-30,000 lbs., same basis	lb.	.43	- —
1,000-3,000 lbs., same basis	lb.	.46	- —
less than 1,000 lbs., same basis	lb.	.51	- —
ext. fine, dms., 30,000 lbs., same basis	lb.	.45	- —
3,000-30,000 lbs., same basis	lb.	.47	- —
1,000-3,000 lbs., same basis	lb.	.50	- —
less than 1,000 lbs., same basis	lb.	.55	- —
standard, dms., 30,000 lbs., same basis	lb.	.40	- —
3,000-30,000 lbs., same basis	lb.	.42	- —
1,000-3,000 lbs., same basis	lb.	.45	- —
less than 1,000 lbs., same basis	lb.	.50	- —
paste, fine, lining, dms., 30,000 lbs., same basis	lb.	.65	- —
3,000-30,000 lbs., same basis	lb.	.67	- —
1,000-3,000 lbs., same basis	lb.	.70	- —
less than 1,000 lbs., same basis	lb.	.75	- —
extra dms., 30,000 lbs., same basis	lb.	.70	- —
3,000-30,000 lbs., same basis	lb.	.72	- —
1,000-3,000 lbs., same basis	lb.	.75	- —
less than 1,000 lbs., same basis	lb.	.80	- —
ink, dms., 30,000 lbs., same basis	lb.	.80	- —
3,000-30,000 lbs., same basis	lb.	.82	- —
1,000-3,000 lbs., same basis	lb.	.85	- —
less than 1,000 lbs., same basis	lb.	.90	- —
ink, dms., 30,000 lbs., same basis	lb.	.75	- —
3,000-30,000 lbs., same basis	lb.	.77	- —
1,000-3,000 lbs., same basis	lb.	.80	- —
less than 1,000 lbs., same basis	lb.	.85	- —
standard, dms., 30,000 lbs., same basis	lb.	.43	- —
3,000-30,000 lbs., same basis	lb.	.45	- —
1,000-3,000 lbs., same basis	lb.	.48	- —
less than 1,000 lbs., same basis	lb.	.53	- —

Aluminum powder and paste prices, in single shipments are deductible as follows: 2,000 lbs., 1c. per lb. from 3,000-30,000 lb. prices; 5,000 lbs., ½c. from 30,000 lb. prices; 10,000 lbs., 1c. per lb. from 30,000 lb. prices; 25,000 lbs., 2c. per lb. from 30,000 lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. net subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston, Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins	oz.	22.00	-35.00
Amidopyrene, fib., dms., 100 lbs.	lb.	4.00	- —
bots., 5 lbs.	lb.	4.22	- 4.25
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.) works	lb.	.04½	- —
refrigeration, tanks, works	lb.	.05½	- —
pure, cyls., divd., met. N.Y.	lb.	.16	- .22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.			
Acetate, kgs.	lb.	.26	- .33
Aldehyde, dms.	lb.	.65	- .70
Aqua, 26°, cbys.	lb.	.05¼	- —
dms., c.l.	lb.	.02¼	- —
l.c.l.,	lb.	.02¼	- —
tanks (on NH_3 content)	lb.	.04½	- —
tankwagons	lb.	.02	- —
Benzoate, dms., 4,000 lbs. or more	lb.	.41	- .43
1,000 lbs. to 3,900 lbs.	lb.	.42	- .43
900 lbs. or less	lb.	.45	- .46
kgs., 4,000 lbs. or more	lb.	.40	- —
1,000 lbs., to 3,900 lbs.	lb.	.41	- —
900 lbs. or less	lb.	.44	- —
Bicarbonate, bbls., c.l., works,	100 lbs.	5.15	- —
l.c.l., divd. N.Y.	100 lbs.	5.71	- —
Bifluoride, bbls.	lb.	.16	- .18
Borate, bbls., kgs.	lb.	.15	- .16
Bromide, gran., bbls.	lb.	.35	- —
bxs.	lb.	.38	- .39
kgs.	lb.	.36	- —
Carbonate, tech., dom., bbls.	lb.	.09	- .12½
imported, csks.	lb.	.08	- .12½
USP, lump, dms.	lb.	.08	- .11
powd., bbls., dms.	lb.	.09	- —
Chloride, tech. (see Ammoniac, sal)			
USP, gran., bbls.	lb.	.11	- .13
kgs.	lb.	.15	- —
Citrate, dms.	lb.	.80	- —
cns.	lb.	.85	- —
Fluoride, cois.	lb.	.17	- .19
Hydroxide (see Ammonia, aqua).			
Hyponhosphite, rio., ams.	lb.	1.10	- 1.17
jars	lb.	1.20	- —
Iodide, 5-lb. bots.	lb.	3.32	- —
jars	lb.	3.25	- —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Ammonia, laurate, bbls.....lb. .10 - —
Linoleate, 50%, anhyd., bbls..lb. .11 Nom.
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., bags, c.l., works, 100 lbs. 3.60 - —
bbls., works.....100 lbs. 3.75 - —
l.c.l., bags, works.....100 lbs. 3.85 - —
bbls., works.....100 lbs. 4.00 - —
Oleate, dms.....lb. .15 - —
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .22½- —
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bbls. lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., Feb.-June dlvy., dlvd., Ill., Ind., Mich., Ohio..ton.25.00 - —
f.o.b. cars Atlantic Gulf ports..ton.27.00 - —
Birmingham, Ala., ovens..ton.27.00 - —
Northern ovens..ton.22.00 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y..ton.26.00 - —
dbl. bgs., export, f.a.s. N.Y., ton. No prices
Sulphide, liquid, dms., works.lb. .12 - .15
tanks, delvd.....lb. .11 - —
Sulphocyanide, com'l, •fib., dms., 2,000 lbs., works..lb. .14 - —
smaller lots, works....lb. .16 - —
pure, 99-100%, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls, c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - .0620
import, gran., csks.....lb. 5.00 - .0620
white, gran., dom., bbls., contracts, works..100 lbs. 5.00 - 5.05
import, csks.....100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11½- —
l.c.l., frt. alld.....lb. .12 - —
tanks, works.....lb. .10½- —
ex pentane, dms., frt., alld., lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms....lb. .10 - —
tanks, same terms.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, cans.....lb. .65 - 1.25
Stearate, dms., l.c.l. works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.10 - 1.15
Angelica root, dom., bls.....lb. .23 - .25
import, natural, bls.....lb. .35 - .38
twisted, bls.....lb. .48 - .50
Angostura bark, bls.....lb. .35 - .36
Anilin oil, dms.....lb. .15 - .16
tanks .....lb. .14 - —
Salt, dms., works.....lb. .22 - .24
Anise, Russian, bgs.....lb. .09½- .11
Spanish, bgs.....lb. .13 - .13½
Star, bgs.....lb. .11½- .12
Anisic aldehyde, bots.....lb. 2.90 - 3.10
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07½- .08¼
Anthraquinone, 99.5%, subl., bbls. lb. .65 - —
Antimony, butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal .....lb. .14¼- .15¼
Needle, powd., bbls.....lb. .14 - .16
Oxide, dom., bbls., c.l.....lb. .14¼- —
l.c.l. .....lb. .14¾- —
import, bbls.....lb. .14¼- .14¾
Salts, 65%, kgs.....lb. .22 - .25
Sulphuret, golden, bbls.....lb. .22 - .23
White pigment, bgs., Texas works, frt. alld. to ½c. lb. c.l..lb. .10½- .13¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz.23.20 -23.70
Archil extract, cone., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .12
Arecoline hydrobromide, bots., oz. 5.50 - 6.50
Argols, crude, 30%, caks.....lb. .07 - .08
80-85%, csks.....lb. .16 - .18
Arnica flowers, bls.....lb. .28 - .29
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .09¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .18 - .19
powd., bbls., bxs.....lb. .32 - .35
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton.35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N. Y..lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10¼- —
California, dms., c.l., f.o.b.N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton36.50 - —
Cuban A., bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
Asphaltum, Cuban, B, bgs., c.l., f.o.b. N.Y...ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points. ton.32.90 - —
seconds, bgs., c.l., Western shipt. points.....ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.49.50 - —
Jet, bgs., c.l., Western shipping points..ton.30.50 - —
Maltha, dms., c.l.,f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery .....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery....ton.12.50 -14.00
East Coast, refinery....gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery.....gal. .07½- —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.90 - 3.55
cns. .....oz. 2.85 - —

B

Balm of Gilead buds, bgs....lb. .21 - .23
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .14 - .15
Barbital, cs. .....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton.42.00 - —
99%, 200 mesh, bgs., c.l., works..ton.45.00 - —
precip., bgs., bbls., c.l. works, ton.52.50 -57.50
l.c.l., works.....ton.57.50 -62.50
sulphur-free bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls...lb. .19 - —
dms. .....lb. .20 - —
tech., dom., cryst., bbls., bgs., c.l., Zone 1, dlvd. New England States, N. Y., N. J., Pa., Md., Dels., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Arkansas line. ton.72.00 -74.00
l.c.l., same basis....ton.85.00 -87.00
Zone 2, bgs., bbls., c.l., dlvd. Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla.....ton.76.00 -78.00
l.c.l., same basis....ton.89.00 -91.00
Zone 3, bgs., bbls., c.l., dlvd. Minn., Ia., Mo., Tex., Mont., Wyo., Col., N. Mex., Idaho, Utah, Ariz., ton.82.00 -84.00
l.c.l., same basis....ton.95.00 -97.00
Zone 4, bgs., bbls., c.l., dlvd. Wash., Ore., Cali., Nev..ton.78.00 -80.00
l.c.l., same basis....ton.91.00 -93.00
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls. .....lb. .15 - .16
Fluosilicate, bbls. .....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots. .....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.28.65 - —
l.c.l., ex wrhse., Boston, ton.36.00 - —
Chicago .....ton.31.15 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis, ton.22.85 - —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex wrhse., Baltimore.ton.32.10 - —
Boston .....ton.33.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.95 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock, f.a..ton.25.00 -26.00
l.c.l., ex wrhse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock, ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, f.a..ton.29.50 Nom.
l.c.l., ex wrhse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .71½Nom.
Bayberry bark, bgs.....lb. .35 - .40
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .11 - .12
Bentonite, 1, 98%, 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92%, 300 mesh, bgs., Wyo. works..ton.11.00 - —
Benzaldehyde, tech., cbys., dms, lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. 1.25 - —
5 to 25 lbs.....lb. 1.30 - 1.35
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works .....gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. works. sellers'
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., bots....lb. .56 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, s.m.s., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, cns.....lb.13.00 -13.25
Hydrochloride, cns.....lb.13.00 -13.25
Sulphate, cns.....lb.14.75 -15.00
Berberis root, bls.....lb. .10 - .11
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works.....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs..lb. .51 - —
Beth root, bls.....lb. .14 - .15
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.77 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb. bots....lb. 1.35 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.75 - —
Subbenzoate, 5-lb. bots.....lb. 3.37 - —
cns. .....lb. 3.25 - —
Subcarbonate, cns.....lb. 1.50 - —
fib. dms., kgs.....lb. 1.40 - —
X-ray, 5-lb. bots.....lb. 2.72 - —
fib. dms.....lb. 2.60 - —
Subgallate, cns.....lb. 1.60 - —
fib. dms.....lb. 1.50 - —
Subiodide, cns.....lb. 1.40 - —
fib. dms.....lb. 1.30 - —
Subnitrate, powd., bots., bbls., fib., dms..lb. 1.30 - —
cns. .....lb. 1.40 - —
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.02 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.57 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., dlvd....lb. .15 - —
Bone, 1A, bbls, bgs., c.l., frt. alld. E..lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l. frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E. lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E. lb. .08 - —
l.c.l., frt. alld. E.....lb. .08½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra), lb. .0445- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0490- —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0505- —
D (Ill., Ia., Wis.)..lb. .0490- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535- —
G (Mexico).....lb. .0455- —
l.c.l., f.o.b. whse.....lb. .07 - —
ctns., l.c.l., dlvd. all zones, lb. .07½- —
cs., l.c.l., dlvd. all zones..lb. .08½- —
export, full. comprsd., cs., f.a.s. Gulf ports..lb. .03½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08¼
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.

Ammo. Laurate—Brimstone

Black haw root bark, bls.....lb. .23 - .26
Tree bark, bls.....lb. .13 - .14
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs., c.l., works, frt. equal..ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 4.00 - —
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 4.00 - —
import, bgs., c.i.f. ports, Apr. shipt..unit-ton. 3.90 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 4.75 - —
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open door.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .10 - —
regular, 1, bbls., works, frt. equaid..lb. .15 - —
2, bbls., same basis....lb. .17 - —
3, bbls., same basis....lb. .18 - —
4, bbls., same basis....lb. .19 - —
5, bbls., same basis....lb. .22 - —
6, cobalt, A, same basis.lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis lb. .18 - —
2, bbls., same basis....lb. .19 - —
3, bbls., same basis....lb. .21 - —
4, bbls., same basis....lb. .22 - —
5, bbls., same basis....lb. .24 - —
6, bbls., same basis....lb. .26 - —
pulp, 1, bbls., same basis..lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd, ex whse, is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs....lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Cooper Hill, Tenn. 100 lbs. 5.10 - —
10-25, same basis.100 lbs. 5.25 - —
6-15, same basis...100 lbs. 5.35 - —
3-5, same basis....100 lbs. 5.60 - —
1-2, same basis....100 lbs. 5.80 - —
monohydrated, dms., c.l. dealers..lb. .08½- —
l.c.l., dealers.....lb. .09¼- —
Bluestone (see Blue vitriol).
Bone, raw, dom., 4¼% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -30.00
c.i.f., Atlantic ports..ton.36.25 - —
S.A., bgs., c.i.f. ports,ton. No prices.
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.22.00 -24.00
import, 100-lb. bgs., c.i.f. ports, Apr. shipt..ton.26.25 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.20.00 -21.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports,ton.25.50 - —
Borage flowers, bls.....lb. .21 - .23
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers East of and inc. N. D., S. D., Neb., Kan., Okla., Texas..lb. .10 - —
consumer, dms., same basis.lb. .10½- —
l.c.l., dealers, dms., same basis..lb. .10½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
cns .....lb. 1.50 - —
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).

TRI-SURE CLOSURES

now guarantee a

$100.00 REWARD

as added protection against substitution and pilferage

● To every company that uses Tri-Sure Closures there are now furnished Guarantee Seals, to be pasted on each drum.

These seals state : "$100.00 will be paid by the American Flange & Manufacturing Co., Inc., to anyone in the U. S. A. causing arrest and conviction of persons unlawfully removing genuine Tri-Sure closures and seals, with intention of committing a felony. Suitable reward will be paid in foreign countries".

Users of Tri-Sure now have not only the satisfaction of knowing that they are using a closure that prevents *tampering* and *waste,* but also that *every* drum they ship has behind it a $100.00 guarantee from the moment it is filled to the time it reaches the customer.

YOU CAN BE SURE WITH TRI-SURE

It is now doubly true that "You Can Be Sure with Tri-Sure"—and that if your product is worth shipping it is worth shipping in drums sealed with Tri-Sure Closures.

Make certain that every drum you use is equipped with Tri-Sure, and has the Tri-Sure Guarantee, and you will be certain that every drop of your product, and every dollar you invest in it, is protected.

AMERICAN FLANGE & MANUFACTURING CO., INC.
30 Rockefeller Plaza, New York, N. Y.

Don't let them

ROB YOU OF YOUR PROFITS!

● Every time you transport a product in drums, you are risking a "hold-up" by *tampering* and *waste*—you are giving them a chance to rob you of your reputation, your product and your profits.

Protect your next shipment with Tri-Sure! Then you'll know that every drum you send is *tamper-proof* and *waste-proof*.

The Tri-Sure flange and plug and leak-proof seal keep the drum perfectly tight and safe. The plug cannot loosen in transit. The seal defies substitution. There is no breathing in of moisture. Complete drainage is assured, because the flange is flush with the inside of the drumhead.

Let your customers *know* you are giving them every drop of oil they pay for. Make your drums Tri-Sure! Write today for information, or, if you wish, we will send you a complete specimen for your inspection. American Flange & Mfg. Co., Inc., 30 Rockefeller Plaza, New York, N. Y., American Flange International Ltd., Shell-Mex House, Strand, London, W.C. 2.

Tri-Sure

TRIPLE-SAFETY SEALING UNIT

You Can Be Sure With Tri-Sure

Grasselli chemicals

THAT ARE PLAYING AN ACTIVE AND VITAL PART IN THE INDUSTRIAL PROGRESS OF AMERICA

HERE ARE SOME OF THEM:

Acetate of Lead
Acetic Acid Commercial
Acetic Acid Glacial
Acetic Acid Pure
Acetic Acid Redistilled
Alum—Ammonia U.S.P.
Alum—Filter
Alum—Paper Makers
Alum—Pearl
Alum—Potash U.S.P.
Aluminum Sulphate Commercial and Iron Free
Aluminum Chloride Crystals
Aluminum Chloride Solution
Ammonium Nitrate
Ammonium Nitrate, C. P.
Ammonium Sulphate 99.8%
Ammonium Sulphate, Pure
Aqua Ammonia
Aqua Fortis
Arsenic Acid
Barium Carbonate
Barium Chloride
Barium Sulphate—(Blanc Fixe)
Battery Acid
Battery Coppers
Battery Zinc
Bi-Chromate of Soda
Bi-Chromate of Potash
Bi-Sulphate of Soda
Bi-Sulphite of Soda Solution
C. P. Ammonium Hydroxide
C. P. Glacial Acetic Acid
C. P. Hydrochloric Acid
C. P. Nitric Acid
C. P. Sulphuric Acid
Cadalyte*
Cadalyte Bright Dip
Cadmium
Cadmium Anodes
Cadmium Hydrate
Cadmium Plating Equipment
Cadmium Sulphide
Calcium Phosphate, Dibasic
Calcium Phosphate, Tribasic
Chromic Acid
Delimer K*
Duclean—Iron drum cleaner
2 Ethyl Hexenal
Fire Retardants
Fixtan A & B
Formic Acid
G. B. S. Soda
Glauber's Salt
Glauber's Salt Anhydrous
Hypo-Sulphite of Soda Crystals
Hypo-Sulphite of Soda Granulated
Hypo-Sulphite of Soda Pea Crys.
Indium—metal or oxide
Inhibitor No. 3—Non-Foaming
Inhibitor No. 8—Foaming
Insecticides and Fungicides
Lactic Acid, technical
Lactic Acid, Edible
Lactic Acid, U.S.P.
Lignasan* (Ethyl mercury chloride)
Manganese Nitrate
Mixed Acid
Mossy Zinc
Muriate of Tin Crystals
Muriate of Tin Solution
Muriatic Acid
Nitric Acid Commercial
Nitric Acid Engraver's Grade
Nitric Acid Fuming
Nogas
Oleum
Oxalic Acid
Phosphate of Soda
Phosphate of Soda—Anhydrous
Phosphate of Soda—Mono
Potassium Silicate Glass
Potassium Silicate Solution
Sal Ammoniac
Salt Cake
Sherardizing Zinc
Silicate of Soda—Anhydrous
Silicate of Soda Granulated
Silicate of Soda G.4.S.
Silicate of Soda Lump
Silicate of Soda Meta
Silicate of Soda Pulverized
Silicate of Soda "R-B"
Silicate of Soda Solid Glass
Silicate of Soda Solution
Snowflake Soldering Salts
Sodium Pyrophosphate
Sodium Formate
Sodium—Lead Alloy
Sodium—Zinc Alloy
Sodium Silico Fluoride
Soldering Flux Crystals
Soldering Flux Solution
Slab Zinc
Strontium Carbonate
Strontium Nitrate
Sulphate of Soda Anhydrous
Sulphate of Soda Technical
Sulphate of Zinc
Sulphide of Soda Concentrated
Sulphide of Soda Crystals
Sulphide of Soda Flake
Sulphide of Soda Fused Solid
Sulphite of Soda Crystal
Sulphuric Acid
Super Sulphate of Soda
Thallium Sulphate
Titanyl Sulphate
Tin Crystals
Tinning Flux
Tri-Sodium Phosphate
Zinc Anodes
Zinc Chloride Fused
Zinc Chloride Granulated
Zinc Chloride Solution
Zinc Dust—Non Gassing
Zinc Intermediate
Zinc Oxide
Tomahawk* 35% Leaded
Snow Cap* 5% Leaded
Zin-O-Lyte*
(*Trade-Mark Reg.)

Attend the Twelfth Annual
DRUG, CHEMICAL AND ALLIED TRADES BANQUET
Hotel Waldorf-Astoria
New York City
Thursday, March 4, 1937

PROMPT DELIVERY

• Our pride in our long list of quality chemicals is justified, we believe, by a much longer list of progressive customers —the inevitable result of our insistent specialization in Quality and Uniformity for nearly a century.

E. I. DU PONT DE NEMOURS & COMPANY, INC.

DU PONT

GRASSELLI CHEMICALS DEPARTMENT
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Represented in Canada by CANADIAN INDUSTRIES, LTD., General Chemicals Division, Montreal and Toronto

Bromine—Calcium Carbonate

Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies	lb.	.30 - —
single pkg., same basis	lb.	.35 - —
Bromoform, USP, bots	lb.	1.40 - 1.60
Bronze powder, aluminum (see A).		
Gold, litho, cns., dms., over 10 lbs.	lb.	.40 - .65
moulding, cns., dms., over 10 lbs.	lb.	.65 - .90
printing ink, cns., dms., over 10 lbs.	lb.	.70 - 1.10
radiator, cns., dms., over 10 lbs.	lb.	.45 - .50
Broomtop, bls	lb.	.11 - .12
Brown, iron oxide, pure precip., cks., f.o.b. N.Y. or works	lb.	.12¼- —
Metallic, bbls., works	lb.	.0215- —
paper bgs., c.l., works	lb.	.02 - —
Sienna, burnt, American, bbls., works	lb.	.03 - —
Italian, 1, bbls., f.o.b. N. Y. or Pa. points	lb.	.12 - —
2, bbls., same basis	lb.	.11 - —
3, bbls., same basis	lb.	.10 - —
4, bbls., same basis	lb.	.08½- —
5, bbls., same basis	lb.	.08½- —
6, bbls., same basis	lb.	.08 - —
7, bbls., same basis	lb.	.07¾- —
8, bbls., same basis	lb.	.07½- —
9, bbls., same basis	lb.	.07 - —
10, bbls., same basis	lb.	.06¾- —
11, bbls., same basis	lb.	.06½- —
12, bbls., same basis	lb.	.06 - —
13, bbls., same basis	lb.	.05¾- —
14, bbls., same basis	lb.	.05½- —
raw, American, bbls., works	lb.	.02½- —
Italian, 1, bbls., f.o.b. N.Y. or works	lb.	.12¼- —
2, bbls., same basis	lb.	.10⅞- —
3, bbls., same basis	lb.	.10⅝- —
4, bbls., same basis	lb.	.09¼- —
5, bbls., same basis	lb.	.08¾- —
6, bbls., same basis	lb.	.08¼- —
7, bbls., same basis	lb.	.07½- —
8, bbls., same basis	lb.	.07 - —
9, bbls., same basis	lb.	.06½- —
10, bbls., same basis	lb.	.05¾- —
11, bbls., same basis	lb.	.04¾- —
Umber, American, bbls., works.	lb.	.02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.	lb.	.04 - —
St. Louis	lb.	.04¾- —
ex car Los Angeles	lb.	.04½- —
ex dock Portland, San Francisco, Seattle	lb.	.04¾- —
ex whse. Boston	lb.	.04½- —
Chicago, Indianapolis, New Orleans	lb.	.04¾- —
Kansas City	lb.	.05 - —
Los Angeles, Portland, San Francisco, Seattle	lb.	.04¾- —
Minneapolis	lb.	.0485- —
Pittsburgh	lb.	.04½- —
Vandyke, bbls., l.c.l.	lb.	.05¾- —
Walnut crystals, bbls.	lb.	.06 - —
Brucine, 100 oz., cns.	oz.	.10 - —
Sulphate, 100 oz., cns.	oz.	.07 - —
Bryonia root, bls.	lb.	.10 - .11
Buchu leaves, bls.	lb.	.80 - .85
Buckthorn bark, true, bls.	lb.	.04 - .05
Berries, bgs.	lb.	.19 - .20
Burdock root, bls.	lb.	.09½- .10
Burgundy pitch, dom., bbls., c.l., works	lb.	.03½- —
l.c.l., dlvd. E.	lb.	.05 - —
import., stands	lb.	.11 - .12
Butanes, comi., 16-32°, tanks, group 3	gal.	.02¼- .03¾
Butternut bark, bls.	lb.	.06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld.	lb.	.10 - —
l.c.l., contract, frt. alld.	lb.	.10½- —
tanks, contract, frt. alld.	lb.	.09 - —
secondary, dms., c.l., frt. pd. E. of Rocky mts.	lb.	.08 - —
l.c.l., same terms	lb.	.08½- —
tanks, same terms	lb.	.07 - —
Alcohol (see Alcohol).		
Aldehyde, dms., c.l., works	lb.	.19 - —
l.c.l., works	lb.	.21 - —
Carbinol (see Carbinol).		
Lactate, dms.	lb.	.22½- .23½
Propionate, dms., dlvd.	lb.	.18 - .18½
tanks, dlvd.	lb.	.17 - —
Butyric, ether, bots.	gal.	6.95 - —
cns., works	lb.	.65 - .70
dms., frt. alld. Met. N. Y.	lb.	.60 - —

C

Cadmium bromide, bots., jars	lb.	1.39 - 1.44
Iodide, bots.	lb.	3.77 - 3.82
jars	lb.	3.65 - —
Lithopone (see Yellow).		
Metals, cs.	lb.	1.05 - —
Red (see Red).		
Selenide (see Red).		
Sulphide (see Yellow).		
Caffeine, 100 lb. dms., 10,000 lbs. or more	lb.	2.05 - —
2,000 lbs., or more	lb.	2.10 - —
1,000 lbs., or more	lb.	2.15 - —
100 lbs.	lb.	2.25 - —
25 lb. dms. 10,000 lbs., or more.	lb.	2.08 - —
2,000 lbs., or more	lb.	2.10 - —
1,000 lbs., or more	lb.	2.18 - —
100 lbs.	lb.	2.28 - —
25 lbs.	lb.	2.40 - —
Caffeine, 10-lb. cns., 10,000 lbs., or more	lb.	2.10 - —
2,000 lbs., or more	lb.	2.15 - —
1,000 lbs., or more	lb.	2.20 - —
100 lbs.	lb.	2.30 - —
less than 100 lbs.	lb.	2.45 - 2.60
5-lb. cns., 25 lbs., or more.	lb.	2.40 - —
less than 25 lbs.	lb.	2.55 - 2.70
Citrated, cns.	lb.	1.70 - 1.75
Hydrobromide, bots.	lb.	4.82 - 4.87
Calabar beans, bgs.	lb.	.15 - .16
Calamus root, bleached, cs.	lb.	.45 - .50
Calcium acetate, bgs., dlvd.	100 lbs.	2.10 - —
Arsenate, dms., c.l., dealers, North and West.	lb.	.06¾ —
l.c.l., dealers	lb.	.07¼- —
Southern cotton states, dealers, dms., c.l.	lb.	.06½- —
l.c.l., dealers	lb.	.07 - —

Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.

Bromide, jar	lb.	.60 - .62
Carbide, dms.	lb.	.05 - .06
Carbonate (see Chalk and Whiting)		

Calcium chloride flake, dom., 77-80%, bgs., dms., c.l., dlvd...ton. 22.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton. 20.00 -33.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, pharm. gran., powd., bbls., 125 lbs..lb. .50 - —
dms.,.....lb. .55 - .57
cns.....lb. .68 - .85
Glycerophosphate, fib., dms..lb. 1.05 - —
cns., 25 lbs.....lb. 1.30 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.85
Lactate, USP, bbls., 200 lbs.lb. .25 - —
Nitrate, bgs., to fert. mfrs., ex-vessel..ton. 26.10 - —
Palmitate, bbls.....lb. .22 - .28
Phosphate, dibasic, precip., 38-42% P_2O_5 c.l.f. Atlantic ports..unit-ton. .72 Nom.
tribasic, precip., c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
smaller lots.....lb. .21 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c.l., works..ton. 52.00 - —
l.c.l. works.....ton. 56.00 - —
83/85 CaC c.l., works...ton. 58.00 - —
l.c.l., works.....ton. 64.00 - —
luminous, dom., tins, works, 100 lbs..lb. .85 - —
smaller lots.....lb. 1.00 - —
Sulphocarbolate, bbls.,200 lbs.lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .45 - .50
Calomel, bbls., fib., dms.....lb. 1.40 - 1.41
Camphor, natural, powd., cs..lb. .55 - .56
slabs, cs.....lb. .55 - .56
tablets, tins.....lb. .60 - .61
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs. .....lb. .50 - —
500 lbs.....lb. .51 - —
100 lbs.....lb. .52 - —
tablets, imp.,cs., 2,000 lbs.lb. .54 - —
500 lbs.....lb. .55 - —
100 lbs.....lb. .56 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs..lb. .06¼- .06¾
Morocco, bgs.....lb. .06¼- .06¾
Turkish, bgs.....lb. .06 - .06½
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb, bls.....lb. .18 - .20
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.....lb. 1.35 - 1.40
powd., bxs.....lb. 1.70 - 1.75
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .08 - .08½
Carbazole, 70-80%, dms., works.lb. .60 - —
90%, dms., works.....lb. .89 - —
95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works.. lb. .85 - —
98.5-99%, dms., ton lots, works, lb. .75 - —
smaller quantities, works.. lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5 gal. dms., c.l., same basis, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R.....lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l., (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 2c. lb. higher.
Cardamom, bleached, cs.....lb. 1.60 - 1.80
decorticated, cs.....lb. 1.65 - 1.70
green, bgs.....lb. 1.15 - 1.25
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .13 - .14
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11¾- —
lump, dms., l.c.l.....lb. .10¾- —
60%, lump, dms., l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .19 - —
5 tons, works.....lb. .19¼- —
smaller lots, works.....lb. .20¼- —
80-100 mesh, bgs., c.l., dlvd.. lb. .19¼- —
5 tons, works.....lb. .19¾- —
smaller lots, works.....lb. .20¾- —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .19 - —
80-100 mesh, bgs., c.l., duty pd..lb. .19½- —
French, 30 mesh, bgs., c.l., duty pd..lb. No prices.
Cassia, Batavia, 1, bgs.....lb. .12¾- .13¾
3, bls.....lb. .07½- .08
short stick, bls.....lb. .11½- .12
China, rolls, select, cs.....lb. .05¼- .05¾
broken, extra bls.....lb. .04 - .04½
Saigon, bls.....lb. .15½- .16
Cassia buds, cs.....lb. .14½- .15
Cassia fistula, bskts.....lb. .09 - .10
Castile soap, white, bars, cs., 40 lbs. 11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb. 15.00 -18.00
synth., bots.....lb. 19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5½% ammon., bgs., c.l., works.....ton. 23.00 -24.00
Import, bgs., c.i.f.,ports, shipment..ton. No prices.
Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .19¾- .20¼
Indian, bgs.....lb. .16¾- .17¼
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, cs., works..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .58 - —
smaller lots, works.....lb. .55 - —
Cement, white, bbls., (4 bags), 3 tons, dlvd. N.Y...bbl. 6.10 - —
less than 3 tons, truck dlvy. bbl. 8.00 - —
Cerium hydrate, dms., works..lb. .65 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works.....lb. .30 - —
Chalk precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works.. .02¾- —
cks., 250 lbs., c.l., f.o.b. works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .20 - .21
Roman, bls.....lb. .26 - .28
Charcoal, softwood, powd., bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton. 30.40 - —
Colo. .....ton. 27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton. 30.80 - —
Ill., (except river points), Minn., Neb., Wis. .....ton. 25.00 - —
Indiana .....ton. 26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso).....ton. 23.00 - —
Kansas, El Paso, Tex. ton. 24.00 - —
Michigan .....ton. 27.80 - —
Ohio, Penn.....ton. 29.80 - —
Utah .....ton. 34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .01625- —
tanks .....lb. .02 - —
powd., bgs., works.....lb. .04¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 9.50 -15.50
bulk, c.l., works..ton. 6.50 - —
99.75% 200 mesh, bgs., c.l., works..ton. 8.00 - —
l.c.l., works.....ton. 9.00 -15.00
wet-grd., silk-bolt, 99.9% 325 mesh, bulk, c.l., works, ton. 8.50 - —
paper bgs., c.l., works, ton. 11.00 - —
Import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton. 22.00 -25.00
powd., csks., l.c.l., ex dock, ton. 35.00 - —
ex whse.....ton. 37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .93 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y...lb. .05½- —
contracts, dlvd., N.Y...lb. .05¾- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald.100 lbs. 2.30 - —
2, works, frt. equald... 100 lbs. 2.55 - —
1, works, frt. equald.. 100 lbs. 3.00 - —
Chloroacetophenone,tins,works.lb. 3.00 - 3.50
Chloroform, tech., 650-lbs. drums, lb. .20 - —
100-lbs. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml., 185-lb. cyls., works, frt. equald..lb. .80 - —
5-lb. cyls., same basis....lb. 1.15 - —
Chrome acetate, bbls.....lb. .05 - .08
Cake, bulk, c.l., works....ton. 11.00 -12.00
Green (see Green, chrome)
Chrome, oxide (see Green, chrome oxide)
sulphate, pearls, bxs., cns., fib. dms..lb. .40 - .45
powd., bxs., cns., fib. dms.lb. .40 - .45
scales, bxs., cns., fib. dms.lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .20 - .22
high test, bgs.....lb. .45 - .50
quills, broken, bgs.....lb. .20 - .22
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns..100 ozs.oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs..oz. .84 - —
Cinchophen, USP., boxes, 5 lbs. lb. 3.75 - —
bots. 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f.c., bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, bls.....lb. .18½- Nom.
3, bls.....lb. .18 - .18½
Citral, cns.....lb. 1.75 - 3.15
Citrine ointment, jars, tubes..lb. .75 - —
Citronellal, bots.....lb. 1.00 - 1.25
Citronellol bots.....lb. 1.80 - 2.00
Clove, Madagascar, bls.....lb. .18 - .18½
Zanzibar, bls.....lb. .18 - .18½
Clover tops, bls.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .09
refd., bbls., c.l., works...bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
dms., c.l., works.....dm. 6.75 - —
l.c.l., works.....dm. 7.50 - —
tanks, works.....gal. .07 - .08
refd., dms., c.l., works..dm. 7.25 - —
l.c.l., works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09
Cobalt acetate, bbls., dlvd.....lb. .58 - .60
kgs , dlvd.....lb. .65 - —
Carbonate, tech., bbls., dlvd.lb. 1.50 - —
Chloride, dms., works.....lb. .67¾- .72¾
Hydrate, bbls.....lb. 1.60 - —
Linoleate, paste, 6%, dms...lb. .29 - —
solid, 8¼%, bbls.....lb. .31 - —
Oleate, bbls.....lb. .26 - —
Oxide, black, kgs.....lb. 1.41 - 1.51
Resinate, fused, A. bbls.....lb. .13 Nom.
1%, bbls.....lb. .12½ Nom.
2%, bbls.....lb. .13½- —
3½%, bbls.....lb. .16½- —
precip., dms., dlvd.....lb. .31½- —
Sulphate, dms.....lb. .51 - .58
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .32 - .36
Teneriffe, silver, bgs.....lb. .33 - .37
Cocillana bark, bgs.....lb. .20 - .21
Cocoa butter, lumps, bgs., c.l..lb. .26¼- —
Codeine, cns., 100 ozs.....oz. 11.70 - —
Hydrochloride, cns., 100 ozs..oz. 10.50 - —
Phosphate, cns., 100 ozs....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .07½- .08
Blue, root, bls.....lb. .06½- .07
Colchicine, bots., 4 ozs.....oz. 25.00 - —
single ozs.....oz. 26.00 - —
Colchicum seed, bgs.....lb. .23 - .25
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs..lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .70 - .75
Colombo root, bls.....lb. .35 - .36
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .18 - .19
Copaiba balsam, Para, cns....lb. .37 - .38
S.A., USP, cns.....lb. .39 - .40
Copper acetate, normal, bbls., c.l., works..lb. .23 - —
l.c.l., bbls.....lb. .25 - —
Carbonate, 52-59%, bbls.....lb. .16¾- .17¾
18-20%, bbls.....lb. .11½- .12½
Chloride, bbls.....lb. .17 - .18
Cyanide, tech., bbls.....lb. .37 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .14 - —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .18¾- —
smaller lots, works...lb. .19¼- .20½
Red, com'l, 50-75%, kgs., c.l., f.o.b. N. Y...lb. .17½- —
l.c.l., f.o.b. N. Y....lb. .17¾- —
Resinate, precip., bbls.....lb. .18 - .19
Stearate, precip., bbls.....lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works..ton. 14.00 -15.00
bbls., c.l., works.....ton. 16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton. 12.00 -13.00
Copra, bgs., Pacific Coast.....lb. .0540- —
Coriander seed, Morocco, bgs...lb. .05¼- .05¾
bleached, bgs.....lb. .07 - .07½
Russian, bgs., lbs.....lb. No stocks.
Corn sugar, tanners, bbls., dlvd. 100 lbs. 3.84 - —
ex whse.....100 lbs. 3.74 - —
Syrup, 42°, bbls.....100 lbs. 3.76 - —
43°, bbls.....100 lbs. 3.86 - —
Cornsilk, bls.....lb. .07½- .08
Corrosive sublimate, cryst., bxs., lb. 1.28 - 1.33
dms., 25 lbs.....lb. 1.20 - —
gran., powd., bxs.....lb. 1.13 - 1.18
dms., 25 lbs.....lb. 1.05 - —
Cottonroot bark, bls.....lb. .12 - .13
Cottonseed hull ash, 25-30% pot-ash bulk, dlvd..unit-ton. 1.00 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .21 - .22
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .16 - .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .15 - —
kgs.....lb. .15½- —
smaller lots, bbls.....lb. .15½- —
kgs.....lb. .16 - —
Creosote, wood, beech., bots..lb. .70 - .75
pine, dms.....gal. .28 - —
USP, bots.....lb. .45 - .47
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13 - .13½
Coaltar solution, tanks, works gal. .113 - .125
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .10 - —
l.c.l., same basis.....lb. .10½- —
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., frt. equaled., with Newark, Balto., and West Coast. lb. .27 - —
10,000 lbs. and over, same basis..lb. .28 - —
2,000 lbs. and over, same basis..lb. .29 - —
1,000 lbs. and over, same basis..lb. .31 - —
200 lbs. and over, same basis..lb. .33 - —
4% rotenone prices, 5c. per lb., less.
coarse grd., 4% & 5% rotenone, prices 1c. less than powd.
3% rotenone, 6c. less than powd.
Cubeb berries, XX, bgs.....lb. .34 - .35
powd., cs.....lb. .38 - .39
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs....lb. .07¾- .08¼
Indian, bgs.....lb. .08¼- .09¾
Morocco, bgs.....lb. .08 - .08½
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamide, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd. interior, NH_3.unit. 1.12½- —
Atlantic ports.NH_3.unit. 1.07½- —
Cyanide-chloride mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

D

Damiana leaves, bls.....lb. .14 - .16
Dandelion root, German, bls..lb. .23 - .25
Deertongue leaves, bls.....lb. .25 - .30
Degras, common, dom., bbls...lb. .07¾- .08
English, bbls.....lb. .07¾- .08
neutral, dom., bbls.....lb. .11½- .13
English, bbls.....lb. .11½- .13
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipment, f. o. b. N. Y. C., or Balto., frt. prepaid to West Coast ports..lb. .29 - —
30,000 lbs., contract or orders, basis..lb. .29½- —
10,000 lbs., same basis.lb. .40 - —
2,000 lbs., same basis.lb. .41 - —
1 bbl., same basis....lb. .44 - —
less than 200 lbs., same basis..lb. .47 - —
Import contracts, 30,000 lbs..lb. .21½- —
10,000 lbs. .....lb. .22 - —
4% rotenone prices 6c. per lb. less.

Calcium Chloride—Dyes, Coaltar

Dextrin, British gum, bgs., c.l., f.o.b. Chicago..100 lbs. 4.60 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.80 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.35 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.55 - —
white, bgs., c.l., f.o.b. Chicago 100 lbs. 4.50 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.50 - —
Potato, import., bgs.....lb. .07¾- .09¾
Tapioca, bgs., ex whse.....lb. .08 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works .....lb. .092 - —
tanks, works .....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd..lb. .19¼- —
l.c.l., dlvd.....lb. .20 - —
tanks, dlvd.....lb. .18¼- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., l.c.l. works lb. .75 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works .....lb. .085 - —
Dianisidin, bbls. .....lb. 2.35 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton. 22.00 -35.00
l.c.l. ex whse.....ton. 45.00 -150.00
Import., bgs., c.l., f.o.b. N.Y. ton. 40.00 - —
Dibutyl phthalate, dms.....lb. .20 - —
Tartrate, dom., dms.....lb. .35 - .40
import., dms. .....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Diethanolamine, dms. .....lb. .31 - .36
Diethyl carbonate, coml., dms.lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbino)
Phthalate, dms., c.l.....lb. .18 - —
l.c.l. .....lb. .19¾- —
tanks .....lb. .17 - —
Diethylaniliin, dms.....lb. .50 - —
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .19 - —
l.c.l., works .....lb. .20 - .21
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Diethyl sulphate, dms., c.l., works..lb. .13 - —
l.c.l., dms., works.....lb. .14 - —
tanks .....lb. .12 - —
Digitalis leaves, dms.....lb. .30 - .35
Diglycol oleate, light, bbls....lb. .24 - —
Dillseed, recleaned, bgs.....lb. .06½- .07
Dimethyl phthalate, dms.....lb. .20¼- .21
Dimethylaniliin, dms.....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .16 - .18
Dinitrochlorobenzene, bbls.....lb. .16¼- .17¼
Dinitronaphthalene, kgs. .....lb. .33 - .36
Dinitrophenol, bbls. .....lb. .23 - .24
Dinitrotoluene, dms, ...lb. .14½- .15¼
oily, dms.....lb. .09 - —
Diorthotoluiguanidin, dms., 2,000 lbs. or over, dlvd.....lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms. .....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works.....lb. .15 - —
l.c.l., works .....lb. .20 - .25
Diphenyl, oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls. .....lb. .21 - .23
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots. .....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton. 34.00 Nom.
Doggrass root, cut, bls.....lb. .13 - .14
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls. .....lb. .06½- .07
Dover's powder, USP, cns....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .90 - 1.00
Duboisine sulphate, vis.....oz. 34.50 -35.00
Dyes, coaltar, for general uses (numbers are thuse of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet .....lb. .80 - 1.00
165 Lake red C.....lb. 1.15 - 1.25
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
206 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
290 Chrome black F.....lb. .60 - .80
307 Fast cyanin black B...lb. .80 - .85
326 Direct fast scarlet....lb. 2.00 - 2.25
364 Paper yellow .....lb. .33 - .40
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.20
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
496 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .90 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .35 - .50
582 Direct black RX.....lb. .35 - .45
588 Direct green B.....lb. .75 - .80
604 Direct green G.....lb. 1.00 - 1.05
626 Direct brown 3GO.....lb. .35 - 1.00
630 Direct yellow R.....lb. 1.25 - 1.60
698 Acid violet .....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow...lb. 2.00 - 2.25
845 Nigrosin (water soluble).lb. .25 - .30
1177 Indigo, 20 p.c., paste...lb. .15 - .19
Benzo fast black L....lb. .90 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .40 - 1.00
Sulphur brown .....lb. .25 - .30
Sulphur maroon .....lb. .40 - —
Sulphur olive .....lb. .25 - .54
Sulphur tan .....lb. .50 - .55
Sulphur yellow .....lb. .50 - .55
Zambest black .....lb. .75 - .80
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 5c. per lb. higher; f.o.b. sellers' works or warehouse)

Dyes, Coaltar—Fir, Oregon

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—

Black.—
865 Nigrosin derivatives..lb. .42 - —

Blue.—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —

Browns:—
Brown .....lb. 1.15 - —

Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —

Orange:—
24 Sudan I.....lb. .70 - —
Orange, red shade..lb. .75 - —

Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthraquinone violet base lb. 8.00 - —
680 Oil violet .....lb. .50 - —

Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb higher; f.o.b. sellers' works or warehouse).

Black:—
864 Nigrosin .....lb. .40 - —

Blue.—
729 Victoria blue .....lb. 2.55 - —
860 Indulin .....lb. .70 - —

Brown:—
331 Bismarck brown ....lb. 1.80 - —

Green:—
657 Malachite green base.lb. 2.00 - —

Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —

Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —

Yellow:—
17 Amidoazotoluene yellow—lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —

Violet:—
680 Methyl violet.....lb. 1.30 - —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).

Black.—
246 Naphthol blue black S. lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray .....lb. 1.50 - —

Blue:—
714 Patent blue A.....lb. 1.60 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1064 Alizarin saphirol B..lb. 1.90 - —
1080 Indigotin IA.....lb. .85 - —

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—

Brown:—
254 Resorcin brown Y...lb. .65 - —
255 Resorcin dark brown R. lb. .60 - —
281 Bismarck brown G..lb. .52 - —
282 Bismarck brown R..lb. .37 - —
798 Phosphin .....lb. 4.65 - —

Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —

Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —

Red:—
31 Amidonaphthol red G. lb. .42 - —
57 Amidonaphthol red 6B. lb. .68 - —
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M.lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —

Violet:—
680 Methyl violet B.....lb. .82 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4RN....lb. .88 - —

Dyes, coaltar, for stains (numbers are those of Colour Index Scale):—

Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .25 - .27
Egg albumen (see Albumen).
Yolk, dom., cs.....lb. .68 Nom.
import, cs.....lb. .53 - .56
Elder flowers, bright, bls.....lb. .19 - .20
dark, bls.....lb. .18 - .19
Elecampane root, bls.....lb. .11 - .12
Elm bark, grinding, bls.....lb. .12 - .13
powd., bbls., bxs.....lb. .19 - .20
select, bndls., cs.....lb. .35 - .36
Emetine hydrochloride, bots., oz.15.00 -16.00
Ephedra, bls.....lb. .96 - .97
Ephedrine, tins, 100 ozs.....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls. .....100 lbs. 1.80 - —
USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.15 - —
smaller lots.....lb. 2.40 - —
bbls., c.l.....lb. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
kgs., c.l.....lb. 2.25 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.50 - —
smaller lots.....lb. 2.75 - —
import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08
Ergot, USP, cs., dms.....lb. 1.95 - 2.10
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.29.00 -30.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic, dms.....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .77
Sulphuric, conc., dms.....lb. .09 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb .09 - —
USP, anesthesia, dms.....lb. .26 - .27
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
anhyd., dms., c.l., frt. alld.lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07¼- —
Acetoacetate, dms., c.l., works. lb. .27½- —
l.c.l., dms., works.....lb. .28 -
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, bots.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 - 1.20
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.70
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylbenzylanilin, dms.....lb. .86 - —
Ethylcellulose, 501 lbs. and over, works..lb. 1.00 - —
101 lbs., works.....lb. 1.05 - —
smaller lots, works.....lb. 1.15 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld.lb. .0545- —
West of Rockies, same basis .....lb. .0595- —
l.c.l., dms., works, E. of Rockies, frt. alld....lb. .0644- —
West of Rockies, same basis .....lb. .0694- —
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Ethyleneglycol, monomethylether, dms., c.l., works..lb. .18 - —
l.c.l., works .....lb. .19 - .22
tanks, works .....lb. .17 - —
Ethylidinanilin, dms. .....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns, dms.....lb. .60 - .65
Eucalyptus leaves, bls.....lb. .10 - .11
Eugenol, cns.....lb. 2.15 - 2.55
Euphorbia, bls.....lb. .06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -12.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07 - .07½
India, bgs.....lb. .07½- .08
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .04¾- .05¼
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12½- .13
smaller lots, E. works. lb. .13½- .14
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .16
smaller lots, E. works.lb. .16 - .19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns.....gal. 2.75 -3.00
Oregon, bbls.....gal. 3.00 - 3.25

FOR THE LONG PULL AHEAD

AS industry enters a period of increasing demands, wise manufacturers are choosing their sources of supply for their ability to provide quality products—in *quantity* and *variety*. WITCO, youthfully aggressive in spirit yet directed by men of long practical experience, is recommended as a source of supply ideally equipped to help you keep pace with the fast-moving times that are here.
We ask for an opportunity to show you how efficiently we can meet your needs for:

WITCO CARBON BLACKS—one of the most complete high quality lines available today, backed by the WITCO reputation for uniformity.

TITANIUM DIOXIDE—reaches a new standard in degree of fineness and ease of grinding. Possesses high opacity and low specific gravity. Noteworthy for its neutral white color.

PIONEER ASPHALT SPECIALTIES—have gained wide acceptance as the standard by which quality is measured in the many fields where they are used.

WITCO CADMIUM REDS AND YELLOWS—high quality Reds in grades of Light, Medium Light, Medium, Deep and Maroon. Yellows in Primrose, Lemon, Gold and Orange.

WITCO PALM OIL—enjoys increasing acceptance as the demand grows for a consistently uniform material.

TITANOLITH—a high quality titanated lithopone which meets the need for a pigment combining high covering power with the flexibility to meet varied demands.

WISHNICK-TUMPEER, INC.
Manufacturers and Importers
NEW YORK . . 295 MADISON AVENUE
CHICAGO . . 365 E. ILLINOIS STREET
BOSTON . . . . . 141 MILK STREET
CLEVELAND . 616 ST. CLAIR AVENUE, N. E.
WITCO LTD., BUSH HOUSE, LONDON W. C. 2, ENGLAND
Witco Affiliates: Witco Oil & Gas Company, The Pioneer Asphalt Company, Panhandle Carbon Company
BUY DIRECT AND PROFIT DIRECTLY

WITCO

Fish berries, bgs.....lb. .10 - .11
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Cheaspeake factories, contracts, futures unit-ton. No Prices
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.58.00 Nom.
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts .....unit-ton. No prices
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports..unit-ton. No prices.
Japanese, 11½% ammon., bgs., c.i.f. ports, April shipt..ton.52.00 - —
spot, re-sale.....ton.55.00 - —
Flake white, bbls., kgs.....lb. .09½- .10
Fleaseed, French, black, bgs..lb. .12 - .12½
Indian, blonde, bgs.....lb. .08 - .09
Fluorspar, enamel, 91-95%, bgs., ton. No prices.
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton. No prices.
import., bulk, Atlantic ports, duty-paid..ton. No prices.
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky.. mines..ton. No prices.
powd., 97%, import., bgs., Atlantic ports, duty-paid..ton. No Prices
Formaldehyde, bbls., c.l. works, lb. .05½- —
l.c.l., works.....lb. .06½- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .13 - .14
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works .....lb. .17½- .25
Furfural, tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l. works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms. incl., dlvd., lb. .16 - .18
Fusic extract, cryst., bbls.....lb. .20 - .25
liquid, bbls.....lb. .08½- .09
solid, dms.....lb. .16 - .18

G

G salt, bbls.....lb. .45 - .48
Galangal root, bls.....lb. .08 - .09
Gall extract, bbls.....lb. .19 - .20
Gambier, common, bgs.....lb. No prices
plantation, bgs.....lb. .09 - .10½
Cubes, Singapore, bgs.....lb. .09½- .10½
Extract, bbls.....lb. .08½- .10½
Gasoline, at refinery:—
Bayonne, US motor, 82-83 octane, tanks..gal. .07 - —
65 octane, tanks.....gal. .07¼- —
above 65 octane, tanks.gal. .07½- —
California 56-58, 375 e.p., tanks..gal. .07½- —
Gulf Coast, US motor, bulk.. gal. .05½- —
60-63, 300 e.p., bulk, export, gal. .05¾- —
60-63, 400 e.p., bulk, export, gal. .05⅞- —
64-66, 375 e.p., bulk, export, gal. .05⅞- .06
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .05¾- .06
63-67 octane, tanks....gal. .06½- .06⅝
68-70 octane, tanks....gal. .06¾- .06⅞
Oklahoma-Texas, U.S. motor, 62 octane and below, tanks..gal. .04¾- .05⅝
63-67 octane, tanks....gal. .05½- .05⅝
68-70 octane, tanks....gal. .05⅝- —
60-62, 400 e.p., tanks....gal. .04⅜- .05⅜
64-66, 375 e.p., tanks....gal. .05 - .05¼
natural, 12-lb. v.p., tanks gal. .05¼- .05½
14-lb. v.p., tanks.....gal. .05 - —
18-lb. v.p., tanks.....gal. .0420- .04½
22-lb. v.p., tanks.....gal. .0385- .04⅛
26-70-lb., v.p., tanks..gal. .03½- .03¾
Pennsylvania, US motor, below 60 octane, tanks.gal. .05¼- —
60 octane, tanks.....gal. .06¾- —
52-54, 450 e.p., naphtha, tanks..gal. .05½- —
54-56, 400 e.p., strt, run, tanks..gal. .05¼- —

Gasoline, tankwagon and service station (Federal and State taxes included).

	T.W	S.S
Atlanta	.205	.225
Boston	.133	.16
Chicago	.16	.18
Cincinnati	**.175**	**.185**
Denver	**.17**	**.19**
Louisville	**.18**	**.20**
Minneapolis	.164	.184
New Orleans	.20	.235
New York	.13	.148
San Francisco	**.17**	**.18**

Gelatin, silver, cs.....lb. .50 - .55
Gelsemium root, bls.....lb. .12 - .13
Gentian root, bls.....lb. .15 - .16
grd., bbls., bxs.....lb. .17 - .18
powd., bbls., bxs.....lb. .18 - .19
Geraniol, cns.....lb. .75 - 3.00
Geranyl acetate, bots.....lb. 1.75 - 2.50
Ginger root, Africa, bgs.....lb. .15 - .15½
Cochin, lemon, bgs.....lb. .18½- .18⅝
Jamaica, bold, bgs.....lb. .18½- .19
grinding, bright, bgs.....lb. .15 - .15½
medium, bold, bgs.....lb. .14¾- .15¼
Japanese, bgs.....lb. .16 - .16½
Ginseng fibers, cs.....lb. 1.75 - 3.00
Root, cultivated, cs.....lb. 2.60 - 4.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.35
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
28/58, bgs., c.l., dlvd.....lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
38/82, bgs., c.l., dlvd.....lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
48/108, bgs., c.l., dlvd....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
Glue, hide, calcimine type, 53 millipoise, 185 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .17½- —
l.c.l., same basis.....lb. .18 - —
60/164, bgs., c.l., same basis.lb. .19 - —
l.c.l., same basis.....lb. .19½- —
67/192, bgs., c.l., same basis.lb. .20 - —
l.c.l., same basis.....lb. .20½- —
75/222, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis.....lb. .22 - —
85/251, bgs., c.l., same basis.lb. .22 - —
l.c.l., same basis.....lb. .23 - —
92/283, bgs., c.l., same basis.lb. .23 - —
l.c.l., same basis.....lb. .24 - —
102/315, bgs., c.l., same basis lb. .23½- —
l.c.l., same basis.....lb. .24½- —
113/347, bgs., c.l., same basis lb. .24½- —
l.c.l., same basis.....lb. .25½- —
125/379, bgs., c.l., same basis lb. .25½- —
l.c.l., same basis.....lb. .26½- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb; 60 mesh, 1c. lb.
Glycerin, C.P., makers, cns., l.c.l. lb. .31 Nom.
resellers, cns., l.c.l.....lb. .38 Nom.
dms., extra, c.l.....lb. .29 Nom.
l.c.l. .....lb. .29½ Nom.
dynamite, dms., extra, c.l.....lb. .29 Nom.
l.c.l. .....lb. .29½ Nom.
saponification, basis 88%, dms. returnable, divd..lb. .29 Nom.
soaplye, basis 80%, dms, returnable, divd..lb. .27 Nom.
yellow, distilled, dms. extra, cl. lb. .28¾ Nom.
l.c.l. .....lb. .29½ Nom.
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .20 - —
Stearate, dms.....lb. .23 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid, brown, bots..oz.21.75 -22.00
yellow, bots.....oz.19.75 -20.00
Gold-soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. No stocks
Golden seal root, bls.....lb. 3.00 - 3.25
powd., bxs.....lb. 3.25 - 3.50
Grains of paradise, bgs.....lb. .25 - .26
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02⅝- —
l.c.l., works.....lb. .08¼- —
80% graphitic carbon, bgs., c.l., works..lb. .08¼- -
bbls., c.l., works.....lb. .03⅜- —
l.c.l., works.....lb. .04⅛- —
Grease, house, trcs.....lb. .08½- .08⅝
white, trcs.....lb. .08⅞- .10
yellow, trcs.....lb. .08½- .08⅝
Wool (see Adeps lanae and Degras)
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
6-10%, bbls., same basis.lb. .21 - —
11-15%, bbls., same basis.lb. .22 - —
16-20%, bbls., same basis.lb. .22½- —
21-25%, bbls., same basis.lb. .23 - —
26-30%, bbls., same basis.lb. .23½- —
31-35%, bbls., same basis.lb. .24½- —
36-40%, bbls., same basis.lb. .26 - —
41-45%, bbls., same basis.lb. .27½- —
46-50%, bbls., same basis.lb. .29 - —
over 50%, bbls., same basis lb. .30 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Mones, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P. color content up to 5%, bbls., same basis lb. .05⅝- —
6-10%, bbls., same basis.lb. .06½- —
11-13%, bbls., same basis.lb. .07 - —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07½- —
20-21%, bbls., same basis.lb. .07⅝- —
22-23%, bbls., same basis.lb. .08 - —
24-25%, bbls., same basis.lb. .08¼- —
26-27%, bbls., same basis.lb. .08½- —
28-29%, bbls., same basis.lb. .09 - —
30-31%, bbls., same basis.lb. .09⅜- —
32-33%, bbls., same basis.lb. .11 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .16 - —
46-50%, bbls., same basis. lb. .16½- —
51-55%, bbls., same basis.lb. .17 - —
56-60%, bbls., same basis.lb. .17½- —
61-65%, bbls., same basis.lb. .18 - —
66-70%, bbls., same basis.lb. .19 - —
71-75%, bbls., same basis.lb. .20 - —
chrome, oxide, dom., pure, bbls. .20 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .19 - .20
import, bbls., kgs., f.o.b. N.Y..lb. 9¹ Nom.
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .06½- .10
Guaiac resin, cs.....lb. .35 - .40
strained, cs.....lb. .90 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.66 - 1.93
Carbonate, bxs., kgs.....lb. 2.15 - 2.40
Guarana, powd., cs.....lb. .75 - .80
Gum, aloe (see A)
Ammoniac, tears., cs.....lb. 1.05 - 1.10
Arabic, amber sorts, cleaned, bgs..lb. .10½- .11
white, sorts, 1, bgs.....lb. .27 - .30
2, bgs.....lb. .25 - .26
powd., bbls.....lb. .14 - .15
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.05 - 1.55
Sumatra, cs.....lb. .17 - .18
Camphor (see C)
Chicle, bgs.....lb. .40 - .45
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran...lb. .44 - —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. hisher for 1-9 bgs.
Gum, copal, Congo, 2, cloudy, white, bgs., c.l., same basis..lb. .27½- —
same basis..lb. .27½- —
3, selected pale straw bold, bgs., c.l. same basis..lb. .18½- —
4, pale bold straw, bgs., c.l., same basis..lb. .16⅝- —
5, pale straw bold, bgs., c.l., same basis..lb. .14½- —
6, pale amber bold, bgs., c.l., same basis..lb. .12⅝- —
7, pale straw bold, bgs., c.l., same basis..lb. .13⅜- —
8, light amber bold, bgs., c.l., same basis..lb. .10¼- —
9, medium light amber bold, bgs., c.l., same basis..lb. .07⅜- —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .09¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .06⅜- —
12, selected bold sorts, bgs., c.l., same basis..lb. .05⅜- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¼- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .17⅜- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06¼- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¼- —
17, pale fingers, bgs., c.l., same basis..lb. .16¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11 - —
19, pale straw nubs, bgs., c.l., same basis..lb. .10 - —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .06⅜- —
21, ordinary selected nubs, c.l., same basis..lb. .06 - —
22, small mixed nubs, bgs., c.l., same basis..lb. .05½- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .05⅜- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .12⅜- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .05½- —
26, pale bold chips, bgs., c.l., same basis..lb. .05⅜- —
27, pale small chips, bgs., c.l., same basis..lb. .05½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .04½- —
East India, Batu, bold scraped, bgs., c.l., same basis.lb. .06¼- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03⅝- —
dust, bgs..c.l.,same basis.lb. .03⅛- —
nubs and chips, bgs., c.l., same basis..lb. .03⅜- —
black, bold, scraped, bgs., c.l., same basis..lb. .07¼- —
unscraped, bgs., c.l., same basis..lb. .04½- —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe, Macasser, pale, bold bgs., c.l., same basis.lb. .13 - —
chips, bgs., c.l., same basis..lb. .06¼- —
dust, bgs., c.l.,same basis lb. .03⅝- —
nubs, bgs., c.l., same basis..lb. .11¼- —
Singapore Rasak, bold, bgs., c.l., same basis..lb. .15⅝- —
chips, bgs., c.l., same basis lb. .05 - —
dust, bgs..c.l.,same basis.lb. .03⅝- —
nubs,bgs..c.l.,same basis.lb. .10⅜- —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .15½- —
loba A, bskts., c.l., same basis..lb. .09¾- —
B, bskts., c.l., same basis.lb. .09¼- —
C, bskts., c.l., same basis.lb. .08⅝- —
CNE, bskts., c.l., same basis..lb. .08 - —
D, bskts, c.l., same basis. lb. .08⅜- —
DK, bskts., c.l., same basis lb. .08 - —
DU, bskts., c.l., same basis lb. .08⅜- —
dust, bskts., c.l., same basis. lb. .06½- —
Sambas and white split chips, bskts., c.l., same basis..lb. .13¼- —
Singapore, dust, bskts., c.l., same basis..lb. .06½- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08⅜- —
DBB, bskts., c.l., same basis lb. .08⅜- —
MA, bskts, c.l., same basis. lb. .07¼- —
MB, bskts., c.l., same basis. lb. .06⅜- —
WS, bskts., c.l., same basis. lb. .06½- —
Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .07½- —
chips, pale, bskts., c.l., same basis..lb. .08¼- —
small, bskts., c.l., same basis..lb. .07½- —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs, bskts., c.l., same basis.. lb. .10⅜- —
pale, scraped, bskts., c.l., same basis..lb. .11⅜- —
seeds and dust, bskts., c.l., same basis..lb. .06½- —
Pontianak, bold, genuine, bgs., same basis..lb. .16 - —
mixed, bgs., c.l.,same basis lb. .14 - —
chips, bgs., c.l., same basis..lb. .10½- —
nubs, bgs., c.l., same basis..lb. .12⅝- —
split, bgs., c.l., same basis..lb. .12½- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .23½- —
A/D, cs., c.l., same basis..lb. .18½- —
A/E, cs., c.l., same basis..lb. .15¼- —
B, cs., c.l., same basis...lb. .22½- —
C, cs., c.l., same basis...lb. .18½- —
D, cs., c.l., same basis..lb. .15⅝- —
dust, cs., c.l., same basis.lb. .06½- —
E, cs., c.l., same basis..lb. .08½- —
F, cs., c.l., same basis...lb. .06½- —
Singapore, 1, cs., c.l., same basis..lb. .17⅝- —
2, cs., c.l., same basis....lb. .14⅝- —
3, cs., c.l., same basis...lb. .05¾- —
chips, cs., c.l., same basis.lb. .10⅞- —
dust, cs., c.l., same basis.lb. .06 - —
seeds, cs., c.l., same basis.lb. .06½- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., 75,000 lbs., dlvd. lb. .11½- —
c.l., single shipment, dlvd. lb. .11½- —
l.c.l., 3,000 lbs., single shipment, dlvd..lb. .11¾- —
smaller lots, dlvd.....lb. .12 - —
Euphorbium, cs.....lb. .17 - .19
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .55 - .60
powd., bbls. .....lb. .65 - .80

Fish Berries—Indigo, Synth.

Gum, ghatti, soluble, bgs.....lb. .11 - .15
superior bgs. .....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya XXX, bbls., bxs., dms. lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .06¼- .10
2, bbls., bxs., dms.....lb. .05½- .09
Kauri, brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .33 - —
B1, cs., c.l., same basis..lb. .21 - —
B2, cs., c.l., same basis..lb. .15¼- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .09½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis..lb. .40 - —
2, c.s., c.l., same basis..lb. .22 - —
3, c.s., c.l., same basis..lb. .15 - —
Kino, tins .....lb. .70 - .80
Mastic, c.s., c.l., same basis as copal..lb. .57 - .58
Myrrh, USP, cs.....lb. .65 - .75
Olibanum, siftings, cs.....lb. .07 - .09
tears, cs.....lb. .12 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .32 - .33
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs. .....lb. .09¾- .10¼
Talha, bgs. .....lb. .05 - .06
Thus, bbls.....280 lbs.12.00 Nom.
strained, bbls.....280 lbs.12.00 Nom.
Tragacanth, Aleppo, 1, cs.....lb. 2.40 - 2.50
2, cs. .....lb. 2.00 - 2.10
3, cs. .....lb. 1.95 - 2.05
4, cs. .....lb. 1.85 - 1.95
5, cs. .....lb. 1.65 - 1.75
Flake, bgs. .....lb. .80 - .75
Yacca, bgs., c.l., same basis as copal..lb. .06¾- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
Plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.13.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import., bgs., ex dock....ton.27.50 - —

H

Helictropin, cryst., cns.....lb. 2.00 - 2.50
Hellebore, white, root, powd., bbls.lb. 12 - .13
Helonias root, bls.....lb. .37 - .38
Hematine crystals, bbls.....lb. .16 - .24
Hemlock extract, 25% tan., bbls.lb. .03½- — tanks .....lb. .02⅝- —
Hempseed, Manchur, bgs.....lb. .08¾- .04½
Henbane leaves, bls.....lb. .22 - .23
Henna leaves, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09½- —
normal, 86-100°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms. .....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs. or more shipments, same basis..lb. .46 - —
100 to 400 lbs. shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts.....lb. .10 - —
l.c.l., same terms.....lb. .10½- —
tanks, same terms.....lb. .09 - —
Homatropine hydrobromide, bots., vls..oz.12.00 -13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.25 - —
Hops, dom., 1935 crop, bls....lb. .28 - .52
import., 1935 crop, bls.....lb. .55 - .80
Horehound, bls.....lb. .07½- .08
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, vls.....oz.17.00 -17.25
Hydrochloride, vls.....oz.17.00 -17.25
Sulphate, vls.....oz.19.00 -19.25
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
5b. ctns., works.....lb. .40 - —
Hydrogen, peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. R..lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyoscine hydrobromide, vls...oz.18.00 -18.25
Hyoscyamine, vls. .....oz.15.00 - —
Hydrobromide, vls. .....oz.15.00 - —
Sulphate, vls. .....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs. .....lb. .17 - .20

I

Iceland moss, bls.....lb. .13 - .14
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85

Indol—Methyl Acetone

Indol, CP, bots	lb.	34.00	-36.00
Insect flowers (see Pyrethrum).			
Iodine, crude, kgs	lb.	.90	- —
resubl., kgs	lb.	1.50	- 1.55
tincture, bbls	gal.	1.90	- —
Iodoform, kgs., 100 lbs	lb.	3.75	- 3.80
Ionone, bots	lb.	3.25	- 4.00
Ipecac root, bgs	lb.	1.00	- 1.10
powd., bxs	lb.	1.10	- 1.20
Irish moss, ordinary, bls	lb.	.11	- .12
powd., 80-90 mesh, bbls	lb.	.24	- .33
prime, bleached, bls	lb.	.20	- .21
Iron acetate, CP, 17% solut., bbls.	lb.	.03	- .04
Chloride, tech., cryst., bbls., kgs.	lb.	.05	- .08
USP, cryst., bbls	lb.	.07½	- .08
solut., cbys	lb.	.06¼	- .06¼
Citrate, USP VIII, pearls, cns.	lb.	.72	- —
powd., cns	lb.	.84	- —
scales, cns	lb.	.77	- —
Hypophosphite, cns	lb.	1.55	- 1.60
Iodide, bots	lb.	2.85	- 3.00
syrup, djns	lb.	.37	- .39
bots.	lb.	.52	- —
Nitrate, coml., kgs	lb.	.02½	- .03
Oxalate, powd., kgs	lb.	.47	- —
cns.	lb.	.52	- —
scales, cns	lb.	.53	- .55
Oxide (see Black, Red, etc.).			
Phosphate, ferric, pearls, cns.	lb.	.54	- —
scales, cns	lb.	.59	- —
Ferrous, cns	lb.	.35	- —
Pyrophosphate, pearls, cns	lb.	.59	- —
scales, cns	lb.	.64	- —
Reduced, 90%, cs	lb.	.60	- .65
Sulphate, tech. (see Copperas).			
USP, cryst., bbls	lb.	.04¼	- .04¼
Iron-ammonia citrate, brown, gran., cns.	lb.	.37	- .38
pearls, cns	lb.	.37	- .38
scales, cns	lb.	.47	- .48
green, gran., cns	lb.	.37	- .38
pearls, cns	lb.	.37	- .38
scales, cns	lb.	.47	- .48
Oxalate, bxs	lb.	.31	- —
fib., dms	lb.	.24½	- —
kgs.	lb.	.26½	- —
Iron-potash oxalate, bbls	lb.	.42	- —
kgs.	lb.	.44	- —
jars	lb.	.48	- —
Iron-soda oxalate, bxs	lb.	.31	- —
fib., dms	lb.	.24½	- —
kgs.	lb.	.26½	- —
Isobutyl carbinol (see Carbinol).			
Isopentane, dms., works	lb.	.48	- —
small lots, works	lb.	.58	- —
Isopropanol, see Alcohol, isopropyl.			
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.07½	- —
l.c.l. same terms	lb.	.08	- —
tanks, same terms	lb.	.06½	- —
Alcohol (see Alcohol).			
Ether, dms., c.l., works, frt. alld. E. of Miss R.	lb.	.07	- —
l.c.l.	lb.	.08	- —
tanks	lb.	.06	- —

J

Jaborandi leaves, bls	lb.	.10	- .11
Jalap root, NF, bls	lb.	.17	- .19
powd., bbls., bxs	lb.	.21	- .23
Juniper berries, bgs	lb.	.05½	- .06

K

Kamala, tins	lb.	.45	- .50
Kava kava root, bls	lb.	.21	- .25
Kerosene, at refinery:—			
Bayonne, 41-43 w.w., tanks	gal.	.05¾	- —
Gulf ports, p.w., bulk, export	gal.	.05	- .05¼
w.w., bulk, export	gal.	.05¼	- .05½
Louisiana - Arkansas, 41-43 w.w., bulk	gal.	.04¾	- 04½
Oklahoma-Texas, 41-43 w.w. tanks	gal.	.04¼	- .04¾
42-44 w.w., tanks	gal.	.04¼	- .04⅝
Pennsylvania, 45 w.w., tanks. gal.		.05¼	- —
46 w.w., tanks	gal.	.05¼	- —
47 w.w., tanks	gal.	.05⅝	- —
Kerosene, tankwagon:—			
Atlanta	gal.	.14½	- —
Boston	gal.	.07½	- —
Chicago	gal.	.098	- —
Cincinnati	gal.	.135	- —
Denver	gal.	.11	- —
Louisville	gal.	.10	- —
Minneapolis	gal.	.102	- —
New Orleans	gal.	.11	- —
New York	gal.	.07¼	- —
San Francisco	gal.	.115	- —
Kerosene distillate (see Oil, furnace).			
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd.	ton.	No prices	
Kola nuts, bgs	lb.	.10	- .11

L

Lady slipper root, bls	lb.	.42	- .45
Lanolin (see Adeps lanae).			
Lard, city tubs	100 lbs.	12.75	-13.00
Middlewestern, trcs	100 lbs.	12.35	-12.45
Western, choice, trcs	100 lbs.	12.45	-12.55
Compound, trcs	100 lbs.	13.50	-13.75
Neutral, trcs	100 lbs.	13.75	-14.00
Larkspur seed, bgs	lb.	.25	- .26
Laurel berries, bls	lb.	.09	- .10
Leaves, Ital., bls	lb.	.05	- .05½
Lavender flowers, ordinary, bls.	lb.	.40	- .42
select, bls	lb.	.60	- .75
Lead acetate, white, broken, bbls.	lb.	.11½	- —
cryst., bbls	lb.	.11½	- —
gran., bbls	lb.	.12¾	- —
powd., bbls	lb.	.12¾	- —
Arsenate, dms., dealers, E. of Rockies.	lb.	.10½	- —
W. of Rockies	lb.	.10½	- —
1,000 lbs. or more, dealers, dms., E. of Rockies	lb.	.11	- —
W. of Rockies	lb.	.10¾	- —
less than 1,000 lbs., dealers, E. of Rockies.	lb.	.11½	- —
W. of Rockies	lb.	.11½	- —
Lead arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.			
Blue, basic sulphate, bbls., c.l., divd., E.	lb.	.06½	- —
divd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07	- —
l.c.l., divd., E.	lb.	.06¾	- —
divd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07¼	- —
Lead, carbonate (see Lead, white).			
Chloride, pure, bxs	lb.	.49	- .50
Iodide, jars	lb.	2.35	- 2.40
Linoleate, pale, precip., dms.	lb.	.18	- —
Metal (see daily quotations in market report)			
Metallic, paste, 200-lb. cont., f.o.b. works.	lb.	.20¼	- —
Nitrate, bbls	lb.	.09	- .09¼
Oleate, bbls	lb.	.15	- —
Peroxide, cns., works	lb.	.46	- .47
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), divd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¼	- —
other points	lb.	.09	- —
l.c.l., 5 tons, divd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.09¾	- —
divd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.10¼	- —
Colo., Mont., N. Mex., Wyo.	lb.	.10	- —
other points	lb.	.09½	- —
smaller lots, divd., Ala., etc.	lb.	.10¼	- —
Ariz., etc.	lb.	.10¾	- —
Colo., etc.	lb.	.10½	- —
other points	lb.	.10	- —
97%, Pb_3O_4, bbls., c.l. (20 tons) divd., Ala., etc.	lb.	.09½	- —
other points	lb.	.09¼	- —
l.c.l., 5 tons, divd. Ala., etc.	lb.	.10	- —
Ariz., etc.	lb.	.10½	- —
Colo., etc.	lb.	.10¼	- —
other points	lb.	.09¾	- —
96%, Pb_3O_4, bbls., c.l. (20 tons) divd., Ala., etc.	lb.	.09¾	- —
other points	lb.	.09½	- —
l.c.l., 5 tons, divd. Ala., etc.	lb.	.10½	- —
Ariz., etc.	lb.	.10¾	- —
Colo., etc.	lb.	.10½	- —
other points	lb.	.10	- —
smaller lots, divd Ala., etc.	lb.	.10¾	- —
Ariz., etc.	lb.	.11¼	- —
Colo., etc.	lb.	.11	- —
other points	lb.	.10½	- —
in oil, steel kegs, 1,000 lbs.	lb.	.11¼	- —
500 lbs.	lb.	.11½	- —
smaller lots	lb.	.12½	- —
Resinate, fused, 16%, bbls.	lb.	.09¼	- —
pale, bbls.	lb.	.12½	- —
precip., bbls	lb.	.16½	- —
Stearate, bbls	lb.	.22	- .23
Sulphate (see Lead, white)			
Titanate, bbls., c.l., f.o.b. works, frt. alld.	lb.	.10	- —
l.c.l., 5 tons, one delvy, divd.	lb.	.10¾	- —
smaller lots	lb.	.10½	- —
White, dry, basic carbonate, bbls., c.l., divd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo.	lb.	.07½	- —
other points	lb.	.07¾	- —
l.c.l. divd. Ariz., etc.	lb.	.07¼	- —
other points	lb.	.07½	- —
basic sulphate, bbls., c.l., divd. Ariz., etc.	lb.	.07	- —
other points	lb.	.06¼	- —
l.c.l., divd. Ariz., etc.	lb.	.07¼	- —
other points	lb.	.06¾	- —
in oil, 100-lb. kgs., 1,000 lbs., divd.	lb.	.10¾	- —
500 lbs., divd	lb.	.11	- —
smaller lots, divd	lb.	.12	- —
Lemon peel, bls	lb.	.09	- .10
Licorice extract, mass, cs	lb.	.17	- .18
powd., bbls	lb.	.27	- .29
Root, bls	lb.	.04½	- .05
powd., bbls., bxs	lb.	.07	- .09
select, bndls., cs	lb	.20	- .21
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.	ton.	7.00	- —
Berkeley, W. Va.	ton.	7.00	- —
California, northern.	ton.	11.80	- —
southern	ton.	11.45	- —
Cedar Hollow, Pa.	ton.	8.00	- —
Chicago	ton.	7.25	- —
Crab Orchard, Tenn.	ton.	6.25	- —
Dallas, Texas	ton.	8.50	- —
Durbin, Ohio	ton.	6.50	- —
Eagle Mountain, Va.	ton.	6.25	- —
Easton, La.	ton.	7.00	- —
Farnams, Mass.	ton.	7.50	- —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Gibsonburg, Ohio.	ton.	7.00	- —
Hannibal, Mo.	ton.	6.50	- —
Keystone, Ala.	ton.	7.00	- —
Knoxville, Ten.	ton.	6.25	- —
Leroy, Minn.	ton.	8.00	- —
Limedale, Ark.	ton.	7.00	- —
Longview, Ala.	ton.	6.25	- —
Marble Cliff, Ohio.	ton.	6.50	- —
Marblehead, Ohio.	ton.	7.00	- —
Martinsburg, W. Va.	ton.	7.00	- —
Menominee, Mich.	ton.	7.50	- —
Mitchell, Ind.	ton.	6.50	- —
Newala, Ala.	ton.	6.25	- —
Petosky, Mich.	ton.	8.00	- —
Port Island, Mich.	ton.	7.50	- —
Ripplemead, Va.	ton.	6.25	- —
Riverton, Va.	ton.	6.25	- —
Scioto, Ohio	ton.	6.00	- —
Sheboygan, Wis.	ton.	7.00	- —
Sherwood, Wis.	ton.	7.50	- —
Springfield, Mo.	ton.	7.00	- —
Woodville, Ohio.	ton.	7.00	- —
hydrated, paper bags, f.o.b. Bellefonte, Pa.	ton.	8.50	- —
Berkeley, W. Va.	ton.	8.50	- —
Buffalo	ton.	11.00	- —
California, northern.	ton.	15.30	- —
southern	ton.	13.95	- —
Cedar Hollow, Pa.	ton.	8.50	- —
Chicago	ton.	9.50	- —
Crab Orchard, Tenn.	ton.	9.00	- —
Dallas, Tex.	ton.	12.00	- —
Durbin, Ohio	ton.	8.00	- —
Eagle Mountain, Va.	ton.	8.50	- —
Easton, La.	ton.	9.00	- —
Farnams, Mass.	ton.	9.00	- —
Gibsonburg, Ohio.	ton.	8.50	- —
Hannibal, Mo.	ton.	8.50	- —
Keystone, Ala.	ton.	9.00	- —
Knoxville, Tenn.	ton.	9.00	- —
Limedale, Ark.	ton.	9.00	- —
Longview, Ala.	ton.	9.00	- —
Louisville, Ky.	ton.	14.50	- —
Marble Cliff, Ohio.	ton.	8.00	- —
Marblehead, Ohio.	ton.	9.00	- —
Martinsburg, W. Va.	ton.	8.50	- —
Lime, chemical (Quicklime), hydrated, f. o.b. Milltown, Ind.	ton.	12.50	- —
Mitchell, Ind.	ton.	9.00	- —
Newala, Ala.	ton.	9.00	- —
Pelham, Ala.	ton.	9.00	- —
Petosky, Mich.	ton.	9.00	- —
Port Island, Mich.	ton.	9.00	- —
Rapid City, S. D.	ton.	12.00	- —
Ripplemead, Va.	ton.	8.00	- —
Riverton, Va.	ton.	9.00	- —
Scioto, Ohio.	ton.	8.00	- —
Sherwood, Wis.	ton.	9.00	- —
Siluria, Ala.	ton.	9.00	- —
Springfield, Mo.	ton.	9.00	- —
Woodville, Ohio.	ton.	8.50	- —
spray, paper bgs., f.o.b. Bellefonte, Pa.	ton.	9.00	- —
Durbin, Ohio.	ton.	9.00	- —
Farnams, Mass.	ton.	9.00	- —
Gibsonburg, Ohio.	ton.	11.00	- —
Marble Cliff, Ohio.	ton.	11.00	- —
Marblehead, Ohio.	ton.	11.00	- —
Mitchell, Ind.	ton.	9.00	- —
Scioto, Ohio.	ton.	9.00	- —
Sherwood, Wis.	ton.	9.00	- —
Woodville, Ohio.	ton.	11.00	- —
Salts (see Calcium)			
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex.	lb.	.07½	- .08½
dms., same basis	lb.	.10½	- —
400 lbs. or more, bgs. same basis.	lb.	.07¾	- .08¾
dms., same basis	lb.	.11	- —
less than 400 lbs., same basis, lb.	lb.	.08½	- .09½
dms., same basis	lb.	.12	- —
Solution, dms., consumer, c.l., works, f'r all'd.	gal.	.13½	- .16½
dealer, f'r t all'd.	gal.	.15	- .16
l.c.l., consumer, f'r t all'd	gal.	.15	- .18
dealer, f'r t all'd.	gal.	.14	- .17
tanks, consumer, divd.	gal.	.11½	- —
dealer, divd.	gal.	.11	- —
Linalool, cns	lb.	1.90	- 2.10
Linalyl acetate, cns., 25 lbs	lb.	1.60	- 2.35
Linden flowers, with leaves, bls.	lb.	.16	- .17
without leaves, bls	lb.	.17	- .18
Linseed cake, bgs., export	ton.	34.00	- —
Meal, 32%, dom., bgs	ton.	42.50	- —
Litharge, com'l, powd., bbls., 20-tons divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash.	lb.	.08¼	- —
other points	lb.	.08	- —
6 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.08¾	- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¼	- —
Colo., Mont., N. Mex., Wyo.	lb.	.09	- —
other points	lb.	.08½	- —
smaller lots, divd., Ala., etc.	lb.	.09¼	- —
Ariz., etc.	lb.	.09¾	- —
Colo., etc.	lb.	.09½	- —
other points	lb.	.09	- —
Lithium bromide, jars	lb.	1.70	- 1.75
Carbonate, bbls	lb.	1.25	- 1.30
Chloride, bbls	lb.	1.65	- 2.00
Citrate, bbls	lb.	1.40	- 1.50
Iodide, bots	lb.	4.85	- —
jars	lb.	4.70	- —
Fluoride, bbls	lb.	2.00	- 2.50
Lithopone, dom., high-strength, bgs., 1,000 lbs., divd. E. or ex whse. Pac. Cst.	lb.	.05¾	- —
smaller lots, same basis	lb.	.06	- —
bbls., 1,000 lbs., same basis, lb.	lb.	.06	- —
smaller lots, same basis	lb.	.06¼	- —
ordinary, bgs., 1,000 lbs., same basis.	lb.	.04½	- —
smaller lots, same basis	lb.	.04½	- —
bbls., 1,000 lbs., same basis.	lb.	.04½	- —
smaller lots, same basis	lb.	.04¾	- —
titanated, bgs., 1,000 lbs., same basis.	lb.	.05¾	- —
smaller lots, same basis	lb.	.06	- —
bbls., 1,000 lbs., same basis, lb.	lb.	.06	- —
smaller lots, same basis	lb.	.06¼	- —
Liverwort leaves, bls	lb.	.18	- .19
Lobelia herb, bls	lb.	.13	- .15
Seed, bgs	lb.	.35	- .36
Logwood extract, cryst., bbls.	lb.	.16	- .20
liquid, 51°, bbls	lb.	.08¼	- .10½
solid, bxs	lb.	.13½	- .17
Sticks, Haitian, shipt	ton.	24.00	-25.00
Lovage root, dom., bls	lb.	.55	- .65
import, bls	lb.	.35	- .37
Lupulin, N.F., tins	lb.	1.75	- 2.00
Lycopodium, cs	lb.	.95	- 1.00

M

Mace, Banda, cs	lb.	.62	- .64
Batavia, cs	lb.	.49	- .49
Slauw 1, cs	lb.	.55	- .57
Madder, Dutch, ogs	lb.	.22	- .26
Magnesia arsenate, bgs	lb.	.18	- .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.	lb.	.27	- —
1,000-10,000 lbs., same basis.	lb.	.28½	- —
less than 1,000 lbs., same basis.	lb.	.30	- —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.	lb.	.28	- —
1-lb. pkgs., same basis	lb.	.33	- —
light, bbls., same basis	lb.	.23	- —
1-lb tins, same basis	lb.	.33	- —
USP, heavy, bbls., same basis.	lb.	.30	- —
1-lb. pkgs., same basis	lb.	.40	- —
special, bbls., same basis, lb.	lb.	.27	- —
super light, bbls., same basis.	lb.	.30	- —
calcined, USP, import., heavy, pharm., bbls.	lb.	.50	- —
light, extra, bbls	lb.	.36	- .40
standard, bbls	lb.	.30	- —
Carbonate, tech., bgs., c.l., works.	lb.	.06	- .06¼
USP, bbls., c.l.	lb.	.06½	- .09
Chloride, flake, dom., bbls., works.	ton	39.00	-42.00
Hypophosphite, cns	lb.	1.45	- 1.50
Oxide (see Calcined)			
Palmitate, bbls	lb.	.33	Nom.
Peroxide, 15%, dms., works.	lb.	1.00	- 1.95
Silicate (see Talc)			
Silicofluoride, bbls	lb.	.09½	- .10½
Stearate, bbls., ctns., c.l.	lb.	.21	- —
1 ton	lb.	.22	- —
1,000-2,000 lbs	lb.	.23	- —
smaller lots	lb.	.24	- —
Sulphate (see Epsom salt)			
Magnesite, cal., import., bbls.	ton.	60.00	-65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash.	ton.	24.00	- —
Malva flowers, black, bls	lb.	.40	- .42
Blue, bls.	lb.	.45	- .50
Leaves, bls.	lb.	.11	- .12
Manaca root, bls	lb.	.20	- .21
Mandrake root, bls	lb.	.11	- .12
Manganese acetate, dms.	lb.	.26½	- —
Arsenate, bgs	lb.	.12	- .12½
Borate, tech., bbls	lb.	.15	- .16
Carbonate, bbls	lb.	.21	- .23
Chloride, bbls	lb.	.09	- —
Dioxide, Caucasian, 85-90%, csks., c.l., works.	ton.	51.50	- —
l.c.l., 5 tons, works.	ton.	54.50	- —
smaller lots, works.	ton.	59.50	- —
burlap bgs., c.l., works.	ton.	49.50	- —
l.c.l., 5 tons, works.	ton.	52.50	- —
smaller lots, works.	ton.	57.50	- —
paper bgs., c.l., works.	ton.	47.50	- —
l.c.l., 5 tons, works.	ton.	50.50	- —
smaller lots, works.	ton.	55.50	- —
Glycerophosphate, bbls., cans., 100 lbs.	lb.	2.60	- 2.65
Hydrate, bbls., divd.	lb.	.32	- —
Iodide, bots., jars	lb.	5.10	- 5.15
Linoleate, liquid, 4%, dms.	lb.	.18	- .19½
solid, precip., 8.2%, bbls.	lb.	.19	- —
Ore, 52% basis, bbls., c.i.f. Atl. pts.	unit-ton.	.26	- .27
Resinate, fused, 8½%, bbls.	lb.	.06¾	- .06½
precip., dms.	lb.	.12	- —
Sulphate, anhyd., bbls., works.	lb.	.07	- .07½
cryst., 45% $MnSO_4$, bgs., c.l., divd. South	ton.	48.75	- —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory	unit-ton.	.75	- —
l.c.l., 5 tons, works.	lb.	.03½	- —
smaller lots, works.	lb.	.04	- —
Mangrove bark, bgs., shipt., ton		26.00	-27.00
Manna, flake, large, cs	lb.	.36	- .37
small, cs	lb.	.21	- .22
Mannitol, pure, cryst., cs., works	lb.	1.43	- —
Marble flour, bgs	ton.	12.00	-14.00
Marjoram, French, bbls	lb.	.17	- .17½
Tunisan, bls	lb.	.16	- .16½
Matico leaves, bls	lb.	.29	- .30
Menthol, cs	lb.	3.30	- 3.40
synthetic, cs	lb.	2.25	- 2.50
Menthyl salicylate, tins, 100 lb. lots.	lb.	3.00	- —
25 lb., lots	lb.	3.10	- —
Mercurial ointment, 30%, pails.	lb.	.87	- .89
50%, pails	lb.	1.26	- 1.28
Mercury (see Quicksilver)			
Bichloride (see Corrosive sublimate)			
Bisulphate, kgs	lb.	1.85	- —
Chloride (see Calomel)			
Iodide, red, kgs., jars	lb.	3.55	- 3.60
Yellow, kgs., jars	lb.	3.65	- 3.70
Nitrate ointment (see Citrine ointment)			
Oxide, black, dms., kgs	lb.	3.85	- —
Red, N.F. (see Red precipitate)			
tech. (see Red, mercury oxide)			
Yellow, dom., tech., bbl.	lb.	1.49	- —
USP, dms., kgs.	lb.	1.91	- —
Mercury and chalk, kgs	lb.	.90	- .91
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in.	pkg.	1.50	- 1.75
Composition, 5½x5½ in.	pkg.	1.65	- 1.90
Gold, XX deep, 3⅜x3⅜ in.	pkg.	14.50	-15.00
3⅜x3⅜ in.	pkg.	16.00	-16.50
4x4 in.	pkg.	18.50	-19.00
5⅜x5⅜ in.	pkg.	21.50	-22.00
5⅞x5⅞ in.	pkg.	23.50	-24.00
Silver, 3⅜x3⅜ in.	pkg.	2.50	- 2.75
Metanitroanilin, kgs	lb.	.67	- .68
Metanitroparatoluidin, bbls	lb.	1.45	- —
Metaphenylenediamine, kgs	lb.	.80	- —
Metatoluylenediamine, kgs	lb.	.83	- —
Methanol, denat. grade, dms., c.l., frt. alld.	gal.	.53	- —
contracts	gal.	.50	- —
tanks, frt. alld.	gal.	.48	- —
contracts, frt. alld.	gal.	.45	- —
pure, nat'l or synth., dms., c.l., Zone 1, frt. alld.	gal.	.38	- —
2, frt. alld.	gal.	.41	- —
3, frt. alld.	gal.	.42	- —
4, frt. alld.	gal.	.44	- —
l.c.l., Zone 1, frt. alld. or divd.	gal.	.40½	- —
2, frt. alld. or divd.	gal.	.47	- —
3, frt. alld. or divd.	gal.	.44½	- —
4, frt. alld. or divd.	gal.	.60	- —
tanks, Zone 1, frt. alld.	gal.	.33	- —
2, frt. alld.	gal.	.35½	- —
3, frt. alld.	gal.	.36½	- —
4, frt. alld.	gal.	.37	- —

95%, 2c. less than pure, all zones, frt. alld.
97%, 1c. less than pure, all zones, frt. alld.

Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J. N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies.	lb.	.16	- —
W. of Rockies.	lb.	.16½	- —
l.c.l., frt. alld. E. of Rockies.	lb.	.17	- —
W. of Rockies.	lb.	.17½	- —
Methyl acetate, 82%, dms., c.l., frt. alld. E. of Rockies.	lb.	.13	- —
W. of Rockies.	lb.	.13½	- —
l.c.l., frt. alld. E. of Rockies.	lb.	.14	- —
W. of Rockies.	lb.	.14½	- —
Acetoacetate, dms., c.l., works, frt. alld.	lb.	.29½	- —
Acetone, dms., c.l., contracts, Zone 1, frt. alld.	lb.	.45½	- —
2, frt. alld.	gal.	.47½	- —
3, frt. alld.	gal.	.48½	- —
4, frt. alld.	gal.	.51	- —
5, frt. alld.	gal.	.50½	- —
l.c.l., Zone 1, frt. alld. or divd.	gal.	.49	- —
2, frt. alld. or divd.	gal.	.52½	- —
3, frt. alld. or divd.	gal.	.51	- —
4, frt. alld. or divd.	gal.	.65½	- —
5, frt. alld. or divd.	gal.	.58½	- —
tanks, contracts, Zone 1, frt. alld.	gal.	.41	- —
2, frt. alld.	gal.	.42½	- —
3, frt. alld.	gal.	.44½	- —
4, frt. alld.	gal.	.44½	- —
5, frt. alld.	gal.	.44½	- —

Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.

Methyl acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies, gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies, gal. .56½- —
3, Pacific coast.....gal. .58 - —
tanks, Zone 1, frt. alld. E of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies, gal. .49½- —
3, Pacific coast.....gal. .51 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dels., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific coast.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, cns., 25 lbs.....lb. .70 - 1.00
Chloride, cylrs.....lb. .37 - .42
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .85 - .86
Iodide, bots., jars.....lb. 5.80 - 6.85
Salicylate, dms.....lb. .40 - .42
tins .....lb. .42 - .45
Violet toner, bbls. (500 lbs.).lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms.....gal. .12 - —
tanks, same terms.....gal. .10½- —
Methylene, blue, medicl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Methylene chloride, dms., f.o.b. works..lb. .12 - —
Methylheptenone, bots.....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
180 mesh, containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
250 mesh, containers, extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 46 mesh, bgs.,c.l., works.ton.35.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 160 mesh, bgs., c.l., works..ton.40.00 -50.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -47.50
200, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-grd., 160 mesh., pure white, bgs., c.l., dlvd., E. of Miss R..100 lbs. 4.50 - —
W. of Miss. R...100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss R. 100 lbs. 3.50 - —
W. of Miss. R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbls., c.l..lb. .10¼- —
l.c.l. .....lb. .11¼- —
spray, bbls., c.l.....lb. .11 - —
l.c.l. .....lb. .12 - —
unskimmed, roller, bbls., c.l..lb. .21½- .22
l.c.l. .....lb. .22 - .22½
spray, bbls., c.l.....lb. .21½- .22
l.c.l. .....lb. .22 - .22½
Millet seed, bgs.....lb. .03½- .04
hulled, bgs.....lb. .06½- .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .07¼- —
New Orleans.....gal. .07 - —
Molybdenum metal, 99% powd., kgs..lb. 2.50 - 2.75
Monoamylamine, dms., l.c.l., works..lb. 1.00 - —
l.c.l., same basis.....lb. .30 - —
Monoethanolamine, dms., c.l., works..lb. .31 - —
l.c.l., dms .....lb. .32 - —
tanks .....lb. .30 - —
Monoethylaniliin, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 3.75 - 4.00
Morphine, cns.....oz.10.00 -10.95
Acetate, bots.....oz. 8.80 - 8.85
Ethylhydrochloride, vls.....oz.10.50 -10.55
Hydrobromide, cns.....oz. 8.70 - 8.75
Sulphate, cns.....oz. 8.75 - 8.80
Mullein flowers, cns.....lb. .90 - .95
Leaves, bls.....lb. .07 - .08
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots.....oz.21.00 -22.00
pods, bots.....oz.14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk Root, bls.....lb. .09 - .10
Mustard seed, Bombay, brown, bgs..lb. .05¾Nom.
California, brown, bgs.....lb. .06½- .07
yellow, bgs.....lb. No stocks
Chinese, yellow, bgs.....lb. .06 - .06½
Danish, yellow, bgs.....lb. .07¾- .08¼
Dutch, yellow, bgs.....lb. .07½- .08
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs.....lb. .07¼- .07½
Montana, brown, bgs.....lb. .07¾ Nom.
yellow, bgs.....lb. .07 - .07½
Roumanian, yellow, bgs....lb. .06¼- .07
Myrobalans, J1, bgs., shipt..ton.27.00 - —
J, bgs, shipt.....ton.20.75 - —
R2, bgs., shipt.....ton.20.25 - —
Extract, liquid, 25%, bbls....lb. .04¼- .05¼

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 bgs. 2.85 - 3.00
import., 74-78% bgs., Atlantic ports..100 lbs. 2.85 - 3.00
Naphthalene refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07¼- —
cs., same basis.....lb. .07¾- —
pkgs, (16 oz.), same basis. lb. .08 - —
(12 oz.), same basis..pkg. .06¼- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .19 - .19¾
kgs. .....lb. .21 - .22
Oxide, black, bbls.....lb. .25 - .26
Salt, double, bbls.....lb. .13 - .13¼
single, bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .76 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07½- —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 30, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., works..lb. .26 - —
Nitrocellulose, lacquer, 20-30 and 60-80 sec. vis., bbls., works..lb. .20 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable. A contract price of 25c. is standard for consumers of 10,000 pounds of nitrocellulose a year.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Jan.-June unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Jan.-Apr. shipt...unit-ton. 3.50 - —
Chemical, Ill..unit-ton. 3.50 Nom.
East Coast producing points..unit-ton. 3.60 Nom.
import., bgs., c.i.f. Atlantic ports, shipt..unit-ton. No Prices
Nitronaphthalene, bbls.....lb. .24 - .25
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmmt., cs.....lb. .20 - .23
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19¼- .19¾
110s, 80s, bgs., cs.....lb. .17 - .17½
West Indian, bgs.....lb. .15½- .16
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .06½- .07

O

Oakbark extract, 25% tan., bbls. lb. .03¼- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .11 - —
l.c.l., G.3.....gal. .15 - —
tanks, G.3 .....gal. .06½- —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
small lots, works.....lb. .20 - —
tanks, works .....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.75 - 4.00
s.p.a., bots.....lb. 2.00 - 2.25
sweet, true, exp., cns.....lb. .80 - .85
Amber, crude, cns.....lb. .20 - .21
refd., cns.....lb. .52 - .57
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.64.00 -75.00
Seed, bots.....lb.72.00 -90.00
Anilin (see A)
Anise, USP, cns., dms.....lb. .87 - .92
Apricot kernel, cns.....lb. .30 - .31
dms. .....lb. .28 - —
Babassu, tanks, futures.....lb. .10¾- —
Bay, W. I., cns.....lb. 1.30 - 1.50
Bergamot, artif., cns.....lb. 1.00 - 1.30
natural, coppers.....lb. 3.50 - 4.00
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectifd., cns.....lb. .70 - .75
Bois de rose, Brazil, cns...lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.75 - 3.00
Cade, USP IX (see Oil, juniper tar).
Calputt, tech., dms.....lb. .42 - .45
USP IX, cns.....lb. .45 - .47
Calamus, cns.....lb. 3.50 - 3.75
Camphor, sassafrassy, cns..lb. .19 - .20
dms. .....lb. .16 - .17
white, cns.....lb. .21 - .22
dms. .....lb. .18 - .19
Cananga, native, cns.....lb. 1.75 - 2.25
rectified, cns.....lb. 2.00 - 2.35
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.10 - 2.25
Cardamom, bots.....lb.15.00 -32.00
Cassia, USP, cns., dms.....lb. 1.00 - 1.05
Castor, blown, one-way dms., c.l..lb. 12¼- —
l.c.l. .....lb. .13 - —
medicinal, bbls, c.l.....lb. .10¾- —
l.c.l. .....lb. .11½- —
cns. (1-gal.), l.c.l.....lb. .14½- —
dms. (returnable), c.l...lb. .10½- —
l.c.l. .....lb .11¼- —
(5-gal.), l.c.l.....lb. .12½- —
tanks .....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼- —
l.c.l. .....lb. .11 - —
dms. (returnable), c.l....lb. .10 - —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09¼- —
Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08¼- —
75% (63% fat), dms., c.l..lb. .11¾- —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. 1.00 - 1.05
dms. .....lb. .95 - 1.00
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms.....lb. .22 - .26
Oil, celery, bots.....lb.10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs..lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms., Atlantic Cst. lb. .15¼- .15½
tanks, futures.....lb. .1450- .1470
Cinnamon, Ceylon, bots.....lb. 9.00 -22.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .46 - .48
dms. .....lb. .44 - .46
Java, dms.....lb. .45 - .47
Clove, makers, USP, cns.....lb. 1.22 - —
dms. .....lb. 1.20 - —
Coconut, Manila, crude, tanks. lb. .09½Nom.
futures .....lb. .09 Nom.
Pac. Cst.....lb. .08½Nom.
edible, 76°, tax incl., dms., (returnable), c.l..lb. .14½- —
l.c.l. .....lb. .15¼- —
tanks .....lb. .14¼- —
Cod, Newfoundland, tanked, bbls..gal. .51 Nom.
Norwegian, bbls.....gal. .42 - .46
Codliver, med., Norwegian, bbls..bbl.27.00 -28.00
poultry, USP, bbls.....gal. .82 - .85
Coriander, bots.....lb. No stocks
Corn, crude, tanks, works...lb. .10¼Nom.
refd., bbls.....lb. .13 Nom.
Cottonseed, dom., cooking, bbls. 100 lbs.12.50 - —
salad, bbls..... 100 lbs.12.62½- —
import., Brazilian semi-refd., dms..lb. .0775- —
British, semi-refd., dms..lb. .0800- —
Cresote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 3.00 - 3.10
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, cns.....lb.12.00 - —
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.85 - —
California, 27 plus, bulk..bbl. 1.00 - 1.35
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots.....lb. 5.00 - 5.50
Dip (See D).
Erigeron, cns.....lb. 1.45 - 1.55
Eucalyptus, cns.....lb. .48 - .49
dms. .....lb. .46 - .47
Fennel, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tide-water..bbl. .85 - .95
Gulf Coast.....bbl. 1.00 - 1.05
Louisiana-Arkansas, 10-14, bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.20 - —
Tuesday .....bbl. 1.20 - —
Wednesday .....bbl. 1.20 - —
Thursday .....bbl. 1.20 - —
Friday .....bbl. 1.20 - —
Saturday .....bbl. 1.20 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test..bbl. .95 - 1.05
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test..bbl. 1.10 - 1.15
24-26, 15 and above...bbl. .90 - .95
Pennsylvania, 36-40....gal. .04⅝- .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .04⅜- .05
2, bulk, same basis.....gal. .04½- —
3, bulk, same basis.....gal. .04½- —
4, bulk, same basis.....gal. .04¼- —
Louisiana - Arkansas, 32-36, light straw.....gal. .03⅞- .04
Oklahoma, 28-30.....gal. .03⅜- .03½
32-36 .....gal. .03½- .03⅝
36-38 .....gal. .03⅝- .03⅞
38-40, straw.....gal. .03⅞- .04
38-40, zero, 60 e.p.....gal. .03⅜- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04⅜- —
Gulf Coast, bulk.....gal. .03½- .03⅝
North Texas, bulk.....gal. .02⅜- .03
Oklahoma, bulk.....gal. .02⅜- .03¼
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 4.85 - 5.50
Bourbon, cns.....lb. 4.60 - 5.15
Turkish (see Palmarosa).
Grapefruit, cns.....llb. 2.25 - 2.50
Ginger, dist., bots.....lb. 6.00 - 7.25
Guaiac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms..... 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns.....lb. 1.00 - 2.00
Wood, tech., cns.....lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms..lb. .35 - .50
cns. .....lb. .38 - .53
Lard, common, 1, bbls..100 lbs.12.75 - —
2, bbls.....100 lbs.12.50 - —
extra, bbls.....100 lbs.13.50 - —
1, bbls.....100 lbs.13.00 - —
headlight, burning bbls.100 lbs.14.75 - —
prime, ed., bbls.....100 lbs.16.75 - —
ined, bbls.....100 lbs.14.75 - —
winter, strained, extra bbls., 100 lbs.13.75 - —
prime, bbls.....100 lbs.14.00 - —
Lavandin, cns., 25 lbs.....lb. 2.65 - —
Lavender flowers, French, cns..lb. 2.25 - 6.00
Garden, cns.....lb. .42 - .45
Spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 3.50 - —
Messina, coppers, cns.....lb. 4.00 - 4.50
Lemongrass, native, cns., dms. lb. .57 - .62
Lime, dist., cns.....lb. 5.45 - 6.00
expressed, cns.....lb. 9.35 -10.25
Linaloe wood, cns.....lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l....lb. .1030- .1050
l.c.l., 5 or more.....lb. .1070- .1090
less than 5.....lb. .1110- .1130
tanks .....lb. .0970- .0990
double boiled, bbls., less than 5..lb. .1130- .1150
raw, bbls., c.l.....lb. .0990- .1010
l.c.l., 5 or more.....lb. .1030- .1050
less than 5.....lb. .1070- .1090
tanks .....lb. .0930- .0950
Lovage, bots.....lb.46.00 -55.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks..gal. .21½- —
80, 100 vis., tanks..gal. .24½- —
115, 125 vis., tanks..gal. .26½- —
green, pale, 750, 900 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21½- —
pale, 75, 175 vis..tanks.gal. .21½- —
Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks..gal. .21 - —
15-25 pour, tanks..gal. .20½- —
150-160 D, 0-10 pour tanks..gal. .23 - —
15-25 pour, tanks..gal. .22½- —
150-160 E, 15-25, pour, tanks..gal. .22 - —
190-200 D, 15-25 pour, tanks..gal. .26 - —
200-210 E, 15-25 pour, tanks..gal. .25 - —

Methyl Acetone—Oil, Rosemary

Oil, lubricating, Oklahoma, neutrals, 0-10 pour, 150 vis., 3 color, tanks..gal. .13 - —
150 vis., 3 colors, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½, color tanks..gal. .17 - —
350 vis., same basis, gal. .17½- —
400 vis., same basis, gal. .18 - —
500 vis., same basis, gal. .18½- —
600 vis., same basis, gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penna., bright., 600 cold test, 10-40 pour, tanks.. gal. .26½- —
10-15 pour, tanks.....gal. .27½- —
cylinder, 600 fire, tanks, gal. .19 - —
600 flash, tanks.....gal. .21½- —
630 flash, tanks.....gal. .22½- —
635 fire, tanks.....gal. .20 - —
650 fire, tanks.....gal. .20½- —
Warren, E, amber, tanks, gal. .21½- —
neutral, 150 vis....3 color, tanks..gal. .23½- —
180 vis., 3 color,tanks.gal. .26 - —
200 vis., 2 color,tanks.gal. .27 - —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .33½- —
unfiltered, 600 s.r., bbls., f.a.s..gal. .25 - —
600 flash, s.r., bbl., c.l., gal. .27 - —
650 s.r., bbls., c.l., f.a.s. gal. .26½- —
Warren, E. bbls., c.l.,f.a.s. gal. .27½- —
smaller lots, f.o.b..gal. .30¼- —
Mace, dist., cns.....lb. 1.20 - 1.25
Menhaden, crude, tanks, f.o.b. Balto..gal. .27 - —
refd., alkali, dms., c.l.....lb. .0940- —
l.c.l. .....lb. .0940- —
tanks .....lb. .0880- —
blown, dms.....lb. .0920- —
kettle-bodied, dms.....lb. .1040- —
light pressed, dms., c.l.....lb. .0890- —
l.c.l. .....lb. .0960- —
tanks .....lb. .0820- —
Mineral, white (see Oil, white mineral)
Mustard, artif., USP., bots..lb. 1.85 - 1.90
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .85 - .90
Neatsfoot, cold test, bbls, 100 lbs..17.50 - —
extra, bbls.....100 lbs.13.25 - —
1, bbls.....100 lbs.12.00 - —
pure, bbls.....100 lbs.14.25 - —
Special, bbls.....100 lbs.13.75 - —
sulphonated, common, 25% moisture, dms..lb. .16¼- —
Neroli, bots.....lb.50.00 -130.00
Nutmeg, USP, cns.....lb. 1.20 - 1.25
Olticica, dms.....lb. .11¾- .12
Oleo, 1, bbls.....100 lbs.13.50 - —
2, bbls.....100 lbs.13.00 - —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. 1.05 Nom.
edible, bbls.....gal. 2.50 Nom.
foots, bbls.....lb. .13 Nom.
sulphonated, 50% (48% fat), dms., c.l..lb. .12 - —
l.c.l. .....lb. .12½- —
75% (63% fat), dms., c.l..lb. .15½- —
l.c.l. .....lb. .16 - —
80% (68% fat), dms., c.l..lb. .16½- —
l.c.l. .....lb. .17 - —
Orange, sweet, dist., cans...lb. .90 - —
expressed, African, cns., dms..lb. 1.20 - 1.25
Calif., cns., makers.....lb. 2.25 - —
resale .....lb. 3.40 - —
Florida, cns.....lb. No prices
Messina, USP, coppers.lb. 4.00 - 4.50
Spanish, cns.....lb. 2.50 - 2.75
West India, cns.....lb. 2.10 - 2.20
Origanum, Spanish, cns.....lb. .90 - 1.00
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .06¾ Nom.
shipment .....lb. .0585- —
softs, 12½%, bulk, shipt....lb. .0585- —
20%, bulk, shipt.....lb. .0575- —
Sumatra, shipment, bulk...lb. .06 Nom.
Palmarosa, cns.....lb. 3.00 - 3.25
Palmkernel, bulk, shipt.....lb. .0730Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .06¼- —
330° flash, 70-80 vis., tanks, G. 3..gal. .06¾- —
80-85 vis., bbls. extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots.....lb. 5.00 - 6.00
Peanut, crude, dom., tanks, works..lb. .10¼ Nom.
refd., edible, bbls.....lb. .13½ Nom.
Oriental, crude, bulk shipt.lb. .0700 Nom.
Pennyroyal, dom., cns.....lb. 1.75 - 1.85
import, cans.....lb. 1.60 - 1.65
Peppermint, natural, cans, dms. lb. 2.25 - 2.50
redist., USP, cns, dms.....lb. 2.50 - 2.75
Perilla, dms.....lb. .11½- .11¾
tanks .....lb. .11 - .11¼
Petitgrain, Paraguay, cns...lb. 1.05 - 1.10
Pimento berry, cns.....lb. 3.50 - 3.75
Leaf, cns.....lb. 2.40 - 2.50
Pine, dest.-dist., straw-color, dms., dlvd., E. ports..gal. .49 - .50
steam-dist., straw-color, bbls. gal. .52 - —
tanks .....gal. .54 - —
water-white, bbls.....gal. .64 - —
tanks .....gal. .59 - —
Pineneedle, Siberian, cns....lb. .85 - .90
Putty, bbls, El Segundo, Richmond, Cal..gal. .23½- —
contracts .....gal. .13½- —
Whiting, Ind.....gal. .32 - —
dms., c.l., Bost., Provid...gal. .26½- —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .30 - —
Rapeseed, blown, bbls.....lb. .12¼- .12½
denat., bbls.....gal. .85 - .86
Red, dist. or saponif., bbls., dlvd..lb. .11¾- .12¾
dms, dlvd.....lb. .11¼- .12¼
tanks, dlvd.....lb. .10¾- —
white, dms.....lb. .13¼- .14½
Rose, artif., bots.....oz. 2.00 - 3.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .60 - .65
dms .....lb. .55 - .60

Oil, Rosin—Petrolatum

Oil, rosin, 1st rectfd., dms..gal. .71 - .73
2d rectfd., dms.....gal. .73 - .75
3d rectfd., dms.....gal. .77 - .79
Rue, bots.....lb. 2.15 - 2.20
Sage, cns.....lb. 1.65 - 1.70
Sandalwood, Australia, cns...lb. 4.50 - 5.00
E.I., USP, cns.....lb. 4.90 - 5.50
Sardine, crude, tanks, Pac. Cst. gal. .52 - .55
rfd., alkali, dms., c.l.....lb. .0940- —
l.c.l. .....lb. .0940- —
tanks .....lb. .0880- —
kettle-boiled, dms.....lb. .1040- —
light, pressed, dms., c.l.lb. .0880- —
l.c.l. .....lb. .0880- —
tanks .....lb. .0820- —
poultry feed, dms., Pac. Cst., gal. .50 Nom.
Sassafras, artif., cns.....lb. .35 - .37
dms. .....lb. .32 - .34
natural, cns., dms.....lb. .75 - 1.25
Savin, cns.....lb. 1.70 - 1.75
Savory, cns.....lb. 3.50 - 3.75
Sesame, dom., refd., white, dms. lb. .13¼- Nom.
yellow, dms.....lb. .13¼- Nom.
Single stain, bbls., c.l., works gal. .17½- —
l.c.l., works .....gal. .20 - —
tanks, works.....gal. .14½- —
Snakeroot, Canada, cns.....lb. 11.00 -12.00
Soybean, dom., crude, dms...lb. .1150- —
tanks .....lb. .1050- Nom.
refd., dms. .....lb. .12 - .12½
tanks .....lb. .11¼- Nom.
Oil, spearmint, USP, cns.....lb. 1.75 - 2.00
Sperm, bleach, 38°, dms.....lb. .1000- .1020
45°, dms.....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cans.....lb. 1.05 - 1.10
Sunflower seed, refd., dms...lb. .12¼ Nom.
Sweet birch, North, cns.....lb. 3.60 - 3.75
South., cns.....lb. 1.90 - 2.10
Tallow, acidless, bbls....100 lbs. 12.62½- —
tanks .....100 lbs. 12.12½- —
Tansy, cns.....lb. 3.25 - 3.50
Tar, comm'l., dms., c.l., dlvd. E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
rectfd., USP, bbls., dlvd. E. ports..gal. .50 - —
Tar acid (see T)
Teaseed, dms.....lb. .14½ Nom.
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms.....lb. .80 - 1.35
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 4.00 - 5.00
Valerian, bots.....lb. 13.50 -14.00
Vetiver, Bourb., bots.....lb. 8.00 -16.00
Walnut, crude, dms.....lb. .14 - .14½
refd., dms.....lb. .15 - .15½
Whale, refd., natural, dms..lb. .1010- .1030
winter, bleach, dms.....lb. .1050- .1070
Wheat germ, cns., dms....gal. 27.50 -30.00
White mineral, dom., tech., 80-90 vis., dms.....gal. .42 - .44
65-75 vis., dms.....gal. .44 - .46
80-90 vis., dms.....gal. .45 - .47
Oil, white, mineral, dom., U.S.P., 80-90 vis., dms..gal. .54 - .56
95-105 vis., dms.....gal. .63 - .65
125-135 vis., dms.....gal. .75½- .77½
140-150 vis., dms.....gal. .76½- .78½
175-185 vis., dms.....gal. .78½- .80½
200-210 vis., dms.....gal. .80 - .82
320-330 vis., dms.....gal. .85½- .87½
335-345 vis., dms.....gal. .87 - .89
Russian, 75-85 vis., dms..gal. .52 - —
145-155 vis., dms.....gal. .74½- —
185-190 vis., dms.....gal. .76½- —
275-285 vis., dms.....gal. .80 - —
335-345 vis., dms.....gal. .85 - —
Wintergreen, natural, North. cns..lb. 4.00 - 8.00
South, cns.....lb. 3.35 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.60 - 2.70
Wormwood, cns.....lb. 3.00 - 3.35
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 6.00
Manila, bots.....lb. 26.00 -30.00
Opium, USP, cns.....lb. 11.50 -12.50
gran., cns.....lb. 12.50 -13.50
powd., cns.....lb. 12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .12 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .12½- —
Orange, mineral, Amer., bbls., 5 tons, dlvd. Colo., Mont., N. M., Wyo..lb. .12¼- —
Other points.....lb. .11¾- —
smaller lots, dlvd. Ala., etc..lb. .12½- —
Ariz., etc.....lb. .13 - —
Colo., Mont., N. M., Wyo..lb. .12¾- —
Other points.....lb. .12¼- —
French, Tours, csks., ex-dock..lb. .17 - —
kgs., ex dock.....lb. .18¼- —
Peel, bitter, bls.....lb. .08 - .09
Sweet, bls.....lb. .12 - .13
Toner bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .85 - .86
Orris root, Florentine, bgs....lb. .08 - .09
fingers, cs.....lb. .95 - 1.00
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .08 - .09
powd., bxs, cs.....lb. .11 - .13
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .35 - .75
Orthocresol, dms., c.l., works..lb. .13½- —
l.c.l., same basis.....lb. .14½- —
Orthodichlorobenzene, dms, c.l., works, frt equal..lb. .05 - —
l.c.l., dms, same basis...lb. .06 - —
100 lb. tins, same basis.lb. .07 - —
50 lb. tins, same basis..lb. .08 - —
tanks, same basis.....lb. .04½- —
Othonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobenzene, kgs..lb. .28 - .29
Orthonitroparachlorophenol, cns.lb. .70 - .75
Orthonitrophenol, kgs.....lb. .85 - .90
Orthonitrotoluene, dms.....lb. .07 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .14 - —
Osage orange extract, cryst., bbls. lb. .17 - .19
liquid, 51°, bbls.....lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.00 - 1.05
Paprika, Hungarian, bgs.....lb. .21½- .23
Spanish, extra fancy, cs.....lb. .27 - .28
fair, bgs.....lb. .21½- .22
fancy, bgs.....lb. .23 - .23¼
medium, bgs.....lb. .22 - .22½
Para-aminoacetanilide, kgs...lb. .85 Nom.
Para-aminophenol, bgs., bbls..lb. 1.05 - —
Hydrochloride, bbls.....lb. 1.25 - —
Para-amylphenol, tertiary, dms., c.l., works..lb. .26 - —
Parachlorophenol, dms.....lb. .30 - .45
Paracymene, rfd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms.....lb. .16 - .20
kegs .....lb. .18 - .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02⅝- .02¼
bbls., c.l., N. Y....lb. .0270- —
124-126 A.m.p., bgs., c.l., Okla. refy..lb. .02¼- .02⅝
bbls., c.l., N. Y....lb. .02¾- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¼- Nom.
fully refd., slabs, 120-122 A.m.p., bgs., c.l..lb. No prices
123-125 A.m.p., bgs., c.l..lb. .0445- —
export, f.a.s., N. Y..lb. .0440- —
125-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s., N. Y..lb. .04½- —
128-130 A.m.p., bgs., c.l..lb. .0480- —
export, f.a.s. N. Y..lb. .04⅝- —
130-132 A.m.p., bgs., c.l..lb. .0495- —
export, f.a.s., N. Y..lb. .0490- —
133-135 A.m.p., bgs., c.l..lb .0555- —
export, f.a.s., N. Y..lb. .05½- —
135-137 A.m.p., bgs., c.l..lb. .0580- —
export, f.a.s., N. Y..lb. .05⅝- —
138-140 A.m.p., bgs., c.l..lb. .0635- —
143-145 A.m.p., bgs., c.l..lb. .0790- —
refined paraffin prices in cases are ½c. lb. higher than bags price.
Match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .03 - —
semirfd., solid, 122-124 A.m.p., bgs..lb. 02¾- Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.....lb. .34 - —
100 to 900 lb. shipments, same basis..lb. .35 - —
Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, cbys.....lb. .37 - .45
Paranitroanilin, kgs., c.l., works. lb. .45 - —
l.c.l., kgs., works.....lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .23½- .24
Paranitrophenol, kgs.....lb. .35 - .37
Paranitrotoluene, kgs.....lb. .25 - —
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - .75
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .16 - .17
Paris green, dealer, dms., c.l., f.o.b. N. Y., frt. all'd E. of Cleve..lb. .22 - .24
1,000 lbs. and up, same basis, lb. .23 - .25
less than 1,000 lbs., same basis..lb. .24 - .26
Passion flower herb, bls.....lb. .06½- .07
Patchouli leaves, bls.....lb. .15 - .16
Pellitory root, bls.....lb. .16 - .17
Pennyroyal, bls.....lb. .13 - .14
Pentane, nom., 28-38°, dms., c.l., G.S—gal. .12½- —
l.c.l., G.3.....gal. .16 - —
tanks, G.3.....gal. .09½- —
laboratory grade, dms., c.l., G.3..gal. .16 - —
l.c.l., G.S.....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .10¼- .10½
Lampong, bgs.....lb. .06½- .06¾
Tellicherry, bgs.....lb. .11¼- .11¾
Red, birdseye, bgs.....lb. .15 - .15½
new crop.....lb. No stocks.
Japanese 1, bgs.....lb. .13 - .13½
Mombassa, bgs.....lb. .16¼- .16¾
White, Java, Muntok, bgs...lb. .11 - .11⅛
Singapore, Muntok, bgs....lb. .11½- .11⅝
Peppermint leaves, dom., bls..lb. .25 - .26
import, bls.....lb. .35 - .40
Peru balsam, dms.....lb. 1.15 - 1.20
Petrolatum, amber, bbls., c.l., lb. .02⅞- .03
l.c.l. .....lb. .04 - .04¼
extra, bbls.....lb. .03½- .03¾
l.c.l. .....lb. .04¼- .04½
cream (see white, cream)
red, veterinary, bbls., c.l....lb. .02⅝- .02⅞
l.c.l. .....lb. .03⅜- —
white, cream, bbls., c.l.....lb. .05 - .05¼
l.c.l. .....lb. .06⅜- —
lily, bbls., c.l.....lb. .06 - .06¼
l.c.l. .....lb. .07⅜- —
snow, bbls., c.l.....lb. .07 - .07¼
l.c.l. .....lb. .08⅜- —

Two million new born every year are ushered into the great American family. Each birth calls for infinite precautions against infection—and it is to the everlasting credit of the medical profession that the number who fail to thrive is surprisingly few.

In countless thousands of hospitals, surgeons count on Phenol to combat infection. In a sense it can be said they depend on Dow for this company operates the world's largest phenol plant.

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DOW PHARMACEUTICAL CHEMICALS

Acetphenetidin, U.S.P. • Antipyrine, U.S.P. • Benzoic Acid, U.S.P. • Minor Bromides • Carbon Tetrachloride, C.P. • Chloroform, U.S.P. • Epsom Salt, U.S.P., Recrystallized • Ferric Chloride, U.S.P. (Solution or Crystals) • Glycine • Magnesium Sulphate, Desiccated • Phenol, U.S.P. • Acetyl Salicylic Acid, U.S.P. (Powder or Crystals) • Acetyl Salicylic Acid, Granulation, 10% starch (White, Pink, Green) also 16% and 20% starch (White) • Methyl Salicylate, U.S.P. • Salicylic Acid, U.S.P. • Sodium Salicylate, U.S.P. • Minor Salicylates • Sodium Benzoate, U.S.P. • Strontium Bromide, U.S.P., IX • Tetrachlorethylene, Purified • Trichloracetic Acid, U.S.P.

DOW

Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74	- .95
Athens	bbl.	.84	- 1.06
Belridge	bbl.	.70	- 1.32
Buena Vista Hills	bbl.	.70	- 1.38
Coalinga	bbl.	.70	- .90
Coyote Hills (West)	bbl.	.78	- 1.32
Dominguez	bbl.	.79	- 1.00
East Coyote	bbl.	.76	- .96
Elk Hills	bbl.	.70	- 1.38
Elwood Terrace, f.o.b. ship.	bbl.	1.28	- 1.43
Huntington Beach	bbl.	.78	- 1.22
Inglewood	bbl.	.79	- 1.27
Kern Front	bbl.	.70	- —
Kern River	bbls.	.70	- —
Kettleman Hills	bbl.	1.19	- 1.43
La Habra	bbl.	.76	- .96
Lakeview	bbl.	.70	- 1.38
Lost Hills	bbl.	.70	- 1.39
McKittrick	bbl.	.70	- —
Midway - Sunset (except Lakeview)	bbl	.70	- 1.38
Montebello	bbl.	.77	- 1.43
Mt. Poso	bbl.	.70	- —
Mountain View	bbl.	.70	- 1.20
Newhall	bbl.	.70	- —
Olinda Brea	bbl.	.76	- 1.27
Orcutt	bbl.	.70	- .96
Playa del Rey, f.o.b. pipe-line	bbl.	.80	- 1.16
Richfield	bbl.	.76	- 1.09
Rosecrans	bbl.	.84	- 1.06
Round Mt.	bbl.	.70	- —
Santa Fe Springs	bbl.	.78	- 1.42
Santa Paula	bbl.	.70	- 1.01
Seal Beach	bbl.	.79	- 1.19
Signal Hill	bbl.	.80	- 1.21
Torrence	bbl.	.80	- 1.05
Wheeler Ridge	bbl.	.70	- .83
Whittier	bbl.	.76	- .96
Canada:—			
Oil Springs	bbl.	2.17	- —
Petrolia	bbl.	2.10	- —
Central West:—			
Illinois	bbl.	1.35	- —
Lima	bbl.	1.25	- —
Midland (Mich.)	bbl.	1.42	- —
Princeton	bbl.	1.35	- —
East Texas	bbl.	1.27	- —
Gulf Coast:—			
Barber's Hill	bbl.	.95	- 1.41
Batson	bbl.	.95	- 1.41
Dayton	bbl.	.95	- 1.41
Esperson	bbl.	.95	- 1.41
Goose Creek	bbl.	.95	- 1.41
Hull	bbl.	.95	- 1.41
Humble	bbl.	.90	- 1.41
Liberty	bbl.	.90	- 1.41
Markham	bbl.	.90	- 1.29
Orange	bbl.	.95	- 1.41
Pettus	bbl.	1.37	- —
Pierce Junction	bbl.	.95	- 1.41
Refugio	bbl.	.95	- 1.41
Saratoga	bbl.	.95	- 1.41
Saxet	bbl.	.90	- 1.41
Sour Lake	bbl.	.90	- 1.41
Spindle Top	bbl.	.95	- 1.41
Sugarland	bbl.	.95	- 1.41
West Columbia	bbl.	.95	- 1.41
Kentucky, Tennessee:—			
Big Sandy river	bbl.	1.62	- —
Kentucky river	bbl.	1.50	- —
Western Kentucky (Owensboro)	bbl.	1.40	- —
Louisiana, Arkansas:—			
Bull Bayou	bbl.	.90	- 1.22
Caddo	bbl.	.90	- 1.22
Cameron Meadows	bbl.	.90	- 1.30
Choctaw	bbl.	.90	- 1.30
Cotton Valley	bbl.	.90	- 1.22
Darrow	bbl.	.90	- 1.30
De Soto	bbl.	.90	- 1.22
El Dorado	bbl.	.90	- 1.22
Haynesville	bbl.	.90	- 1.22
Homer	bbl.	.90	- 1.22
Iowa	bbl.	.90	- 1.30
Lockport	bbl.	.90	- 1.30
Miller County	bbl.	.90	- 1.22
Pine Island	bbl.	.90	- 1.22
Rainbow	bbl.	.90	- 1.22
Rodessa	bbl.	.90	- 1.22
Smackover	bbl.	.90	- —
Tepetate	bbl.	1.24	- —
Urania	bbl.	1.02	- —
Mexico, f.o.b. terminals Mexican ports—based on contract:—			
Panuco	bbl.	1.05	- —
Tax, 13.35c. per bbl.			
Tuxpan	bbl.	No prices.	
Tax, 21.815c. per bbl.			
Midcontinent:—			
North Texas	bbl.	.96	- 1.20
Oklahoma-Kansas	bbl.	.98	- 1.80
Altus, Tipton (Okla.),	bbl.	.96	- 1.20
Pennsylvania, Ohio, West Virginia:—			
Bradford-Allegany	bbl.	2.45	- —
Corning	bbl.	1.42	- —
Pennsylvania grade, in Buckeye lines	bbl.	2.12	- —
Eureka lines	bbl.	2.27	- —
S.W. Penn lines	bbl.	2.32	- —
lower district in National Transit lines	bbl.	2.52	- 2.57
Rocky Mountain:—			
Big Muddy	bbl.	1.18	- 1.23
Cannon City-Florence	bbl.	1.10	- —
Cat Creek	bbl.	1.40	- —
Dutton Creek	bbl.	1.06	- 1.30
Elk Basin	bbl.	1.30	- —
Fort Collins-Wellington	bbl.	1.01	- 1.25
Frannie, light	bbl.	.82	- —
Grass Creek	bbl.	1.30	- —
Greybull	bbl.	1.30	- —
Iles	bbl.	1.12	- 1.18
Lance Creek	bbl.	.97	- —
Midway	bbl.	1.06	- 1.30
Rock Creek	bbl.	1.20½	- —
Salt Creek	bbl.	1.06	- 1.30
Sunburst	bbl.	1.20	- —
Torchlight	bbl.	1.30	- —
South, Central and Southwestern Texas:—			
Cass County	bbl.	.98	- 1.25
Cleveland-Liberty	bbl.	1.27	- —
Conroe	bbl.	1.20	- 1.44
Darst Creek	bbl.	1.00	- —
Duval	bbl.	1.00	- —
Hardin-Liberty	bbl.	1.15	- —
Luling	bbl.	1.00	- —
Lytton Springs	bbl.	1.12	- —
Mirando	bbl.	.90	- 1.36
Panola County	bbl.	.93	- 1.25
Salt Flat	bbl.	1.09	- —
Tomball	bbl.	1.20	- 1.44
Van	bbl.	1.10	- —
Texas Panhandle:—			
Carson-Hutchinson counties.	bbl.	.91	- 1.03
Gray County	bbl.	.96	- 1.08
West Texas:—			
Artesia, N. M.	bbl.	.90	- —
Crane	bbl.	.78	- 1.08
Crockett	bbl.	.78	- 1.08
Ector	bbl.	.78	- 1.08
Glasscock	bbl.	.78	- 1.08
Hogback	bbl.	1.33	- —
Howard	bbl.	.78	- 1.08
Jackson, N. M.	bbl.	.90	- —
Lea, N. M.	bbl.	.78	- 1.08
Maljamar, N. M.	bbl.	.90	- —
Mitchell	bbl.	.78	- 1.08
Pecos	bbl.	.91	- —
Upton	bbl.	.78	- 1.08
Winkler	bbl.	.78	- 1.08
ether, 30-60° dms, c.l., G.S.	gal.	.15	- —
l.c.l., G.S.	gal.	.17	- —
tanks, G.S.	gal.	.13	- —
Petroleum, ether, 55-60, dms., l.c.l., G.S.	gal.	.35	- —
40-75°, dms., c.l., G.S.	gal.	.15	- —
l.c.l., G.S.	gal.	.16	- —
tanks, G.S.	gal.	.13	- —
laboratory grade, dms., c.l., G.S.	gal.	.16	- —
l.c.l., G.S.	gal.	.25	- —
10-gal. lots, G.S.	gal.	.50	- —
Lacquer, diluent, at refinery:—			
California 60,169 i.b.p., 263 e.p., tanks, delvd. Los Angeles	gal.	.11	- —
San Francisco	gal.	.11½	- —
f.o.b. Richmond	gal.	.11½	- —
Willbridge, Ore.; Pt. Wells, Wash.	gal.	.12	- —
East Coast, tanks	gal.	.12	- .12½
Group 3, tanks	gal.	.08⅝	- .08⅞
Naphtha, cleaners, at refinery:—			
East Coast, tanks	gal.	.10	- —
Group 3, tanks	gal.	.07⅝	- .07⅞
tankwagon, Boston, ex-tax.	gal.	.13	- —
Chicago, inc. 3c. tax	gal.	.158	- —
Decatur, inc. 3c. tax	gal.	.182	- —
Des Moines, inc. 3c.tax	gal.	.18	- —
Evansville, ind., ex tax	gal.	.146	- .159
Milwaukee, inc. 4c. tax	gal.	.19½	- —
Minneapolis-St. Paul, inc. 3c. tax	gal.	.186	- —
Newark, ex tax	gal.	.12	- —
New York, ex tax	gal.	.12	- —
Omaha, ex tax	gal.	.149	- .159
Oklahoma City, ex tax	gal.	.13	- .18
Philadelphia, ex tax	gal.	.11½	- —
St. Louis, ex tax	gal.	.149	- .159
Syracuse, 150 gals.	gal.	.14	- —
smaller lots, galv. drums	gal.	.16	- —
milk cans	gal.	.21	- —
Tulsa, ex tax	gal.	.15	- .16
High solvency, aromatic, 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J.	gal.	.17	- —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt.	gal.	.16½	- —
30, same basis	gal.	.18½	- .19
40, same basis	gal.	.14½	- .15½
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equaled, nearest comp. pt.	gal.	.16	- —
2, same basis	gal.	.18	- —
3, same basis	gal.	.16	- —
4, same basis	gal.	.18	- —
V.m. & p., at refinery:—			
California, 46.5, 234 i.b.p., 380 e.p., tanks, f.o.b. El Segundo	gal.	.11	- —
Richmond	gal.	.11¼	- —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12	- —
54-57, 190 i.b.p., 310 e.p. tanks, delvd. Los Angeles	gal.	.10	- —
San Francisco	gal.	.10½	- —
Portland, Seattle	gal.	.11	- —
East Coast, tanks	gal.	.10½	- —
Group 3, tanks	gal.	.07⅝	- .07⅞
tankwagon, Boston, ex tax.	gal.	.13	- .14
Chicago, inc. 3c. tax	gal.	.171	- —
Decatur, inc. 3c. tax	gal.	.182	- —
Des Moines, inc. 3c. tax	gal.	.18	- —
Evansville, Ind., ex tax	gal.	.146	- .161
Milwaukee, inc. 4c. tax	gal.	.19½	- —
Minneapolis-St. Paul, inc. 3c. tax	gal.	.183	- —
Newark, ex tax	gal.	.13	- —
New York, ex tax	gal.	.12	- —
Omaha, ex tax	gal.	.149	- .159
Philadelphia, ex tax	gal.	.13	- —
St. Louis, ex tax	gal.	.149	- —
Solvent, rubber, at refinery, East Coast, tanks	gal.	.10	- —
Group 3, light, 120 i.b.p., 250 e.p., tanks	gal.	.07⅝	- .07⅞
standard, 180 i.b.p., 288 e.p., tanks	gal.	.07⅝	- .07⅞
Stoddard (CS 8-28), at refinery:—			
East Coast, tanks	gal.	.10	- —
Group 3, tanks	gal.	.06⅞	- .07⅛
tankwagon, Boston, ex tax.	gal.	.12½	- .13½
Chicago, inc. 3c. tax	gal.	.156	- —
Decatur, inc. 3c. tax	gal.	.172	- —
Des Moines, inc. 3c. tax	gal.	.17	- —
Evansville, Ind., ex tax	gal.	.139	- —
Milwaukee, inc. 4c. tax	gal.	.18½	- —
Minneapolis-St. Paul, inc. 4c. tax	gal.	.167	- —
Newark, ex tax	gal.	.11	- —
New Orleans, ex tax	gal.	.11	- —
New York, ex tax	gal.	.11	- —
Oklahoma City, ex tax	gal.	.12	- .13
Omaha	gal.	.139	- .149
Philadelphia, ex tax	gal.	.11½	- —
St. Louis, ex tax	gal.	.128	- —
Tulsa, ex tax	gal.	.10	- .11
Thinner, at refinery:—			
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles	gal.	.14	- —
Portland, Ore	gal.	.15	- —
Richmond	gal.	.13½	- —
Seattle, Wash	gal.	.15½	- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore.	gal.	.10½	- —
Richmond	gal.	.10	- —
Southern Calif.	gal.	.09½	- —
56, 200 i.b.p., 360 e.p., tanks, f.o.b. El Segundo	gal.	.11	- —
Portland, Ore	gal.	.12	- —
Richmond	gal.	.11½	- —
Seattle, Wash	gal.	.12	- —
East Coast, 43-47, tanks	gal.	.09½	- .10
47-49, tanks	gal.	.09½	- —
Group 3, tanks	gal.	.06⅞	- .07⅛
Pennsylvania, tanks	gal.	.07¼	- —
tankwagon, tax included:—			
Albany	gal.	.13	- —
Baltimore (100 gals.)	gal.	.12½	- .15½
25-99 gals	gal.	.13½	- .15½
Boston	gal.	.12½	- .13½
Bridgeport, Conn	gal.	.13	- —
Buffalo	gal.	.12½	- —
Camden, N. J.	gal.	.115	- .135
Chicago	gal.	.168	- —
Decatur, Ill.	gal.	.172	- —
Des Moines	gal.	.17	- —
Evansville, Ind.	gal.	.139	- .149
Milwaukee	gal.	.18½	- —
Minneapolis-St. Paul	gal.	.176	- —
Newark	gal.	.11	- .13
New York (200 gals.)	gal.	.11	- —
smaller lots	gal.	.11½	- —
Omaha	gal.	.109	- .149
Philadelphia	gal.	.116	- .135
Pittsburgh	gal.	.12	- .14
Providence	gal.	.12½	- .13½
Rochester	gal.	.12	- .16
St. Louis	gal.	.139	- —
Syracuse	gal.	.13	- .15
Trenton	gal.	.12	- .14
Wilmington, Del.	gal.	.11½	- .13½
Phenobarbital, bots., 5 lbs.	lb.	4.85	- —
bots. or cns., spot or contract, 100 lbs.	lb.	4.50	- —
cns., 25 lbs.	lb.	4.75	- —
Phenol, USP, dms, c.l., works, frt. equald	lb.	.13¼	- .14¼
l.c.l., same basis	lb.	.14	- .15
tins, c.l., same basis	lb.	.14½	- .15¼
l.c.l., same basis	lb.	.15	- .16
tanks, works	lb.	.12¾	- —
Phenolphthalein, USP, bbls., dms. 2,000 lbs.	lb.	.75	- —
bbls., dms., kegs, 100-250 lbs.	lb.	.77	- —
yellow, bbls.	lb.	.70	- .72
Phenyl chloride, dms	lb.	.16	- —
Phenylacetaldehyde, bots.	lb.	3.50	- 6.75
Phenylhydrazin hydrochloride, CP, bots., works	lb.	3.30	- 5.10
commercial, kgs., works	lb.	3.30	- 6.50
pure, bots., works	lb.	2.95	- 3.25
Phloroglucinol, CP, tins, works	lb.	20.00	-22.00
tech., tins, works	lb.	15.00	-16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, Tenn. min., bulk, mines, long ton.		4.35	- —
land pebble, 68% min., bulk, mines, long ton.		1.85	- —
70% min., bulk, mines, long ton.		2.35	- —
72% min., bulk, mines, long ton.		2.85	- —
75% basis, 74% min., bulk, mines, long ton.		3.85	- —
Tenn., 72%, bulk, mines, long ton.		4.50	- —
75%, bulk, mines, long ton.		5.50	- —
Phosphorus, red, cs.	lb.	.40	- .44
Yellow, cs.	lb.	.28	- .37½
Oxychloride cyls.	lb.	.16	- .20
Sesquisulphide, cs.	lb.	.38	- .42
Trichloride, cyls.	lb.	.16	- .20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R.	lb.	.14½	- —
l.c.l., same basis	lb.	.15½	- —
Pichi leaves, bgs	lb.	.08	- .10
Pilocarpine hydrochloride, bots., vls.	oz.	2.50	- 2.75
Nitrate, bots., vls	oz.	2.40	- 2.65
Pimento, bgs	lb.	.15½	- .15¾
Pinkroot, bls	lb.	.35	- .36
Pitch, Burgundy (see B).			
Coaltar, 160° m.p., bbls., c.l., works	ton.	19.00	- —
l.c.l.	ton.	22.00	- —
Hardwood, 1-time, dm., c.l., dlvd. Akron	ton.	20.00	-21.00
f.o.b. works	ton.	15.00	- —
Linseed, dms	lb.	.04½	- .05
Petroleum (see Asphaltum, Mexican, Texas).			
Pine, bbls	bbl.	6.00	- 6.50
Stearin, dms	lb.	.03	- .04½
Plaster of paris (see Gypsum).			
Pleurisy root, bls	lb.	.12	- .13
Podophyllin, fib., dms., 100 lbs., cns., 25 lbs	lb.	3.25	- —
	lb.	3.50	- —
Poke root, bls	lb.	.06½	- .07
Pomegranate bark, bgs	lb.	.18	- .19
Root bark, bgs	lb.	.40	- .41
Poppy flowers, red, bls	lb.	.35	- .40
Seed, Dutch, bgs	lb.	.07½	- .08
Polish, bgs	lb.	.07½	- .07¾
Potash acetate, USP, bbls., kgs.	lb.	.26	- .28
50% sol., bbls	lb.	.08½	- .09
Bicarbonate, USP, cryst., bls, gran., bbls	lb.	.09	- .13
	lb.	.10	- .12
Bichromate, spot, c.l., works, 6 casks or 10 bbls. or over, works	lb.	.08¾	- —
5 casks or 9 bbls. or less, works	lb.	.09	- —
Binoxalate, dms	lb.	.23	- —
Bisulphate, kgs	lb.	.15½	- .18
Carbonate, calc., dms., c.l., works	lb.	.06¼	- —
l.c.l., same basis	lb.	.06¾	- —
hydrated, 83-85%, bbls., c.l., works	lb.	.06½	- —
l.c.l.	lb.	.05¾	- —
Carbonate, liquid, dms., c.l., dlvd.	lb.	.02¾	- —
l.c.l., 10 dms. or over	lb.	.03¼	- —
less than 10 dms	lb.	.03½	- —
tanks, dlvd	lb.	.02¾	- —
USP, gran., bbls	lb.	.14	- —
powd., bbls	lb.	.19	- —
Caustic, flake, 88-92%, dms., c.l., works	lb.	.07	- —
l.c.l.	lb.	.07¼	- .07¾
import., dms	lb.	.07	- .07¾
liquid, 45% basis, dms	lb.	.06¼	- .06¾
tanks	lb.	.02¾	- —
solid, 88-92%, dom., dms., c.l., works	lb.	.06¼	- —
l.c.l.	lb.	.06¾	- .06¾
import, csks	lb.	.06¼	- .06¾
Chlorate cryst., kgs	lb.	.09¼	- .09¾
gran., kgs	lb.	.12	- .13
powd., kgs	lb.	.08½	- .09¾
Chloride, tech., 98% cryst., bbls.	lb.	.04	- .04¼
Chromate, kgs	lb.	.28	- .29
Citrate, USP, gran., bbls., 250 lbs.	lb.	.35	- —
kgs., 100 lbs	lb.	.36	- —
cns., 50 lbs	lb.	.37	- —
cns., 25 lbs	lb.	.39	- .40
Cyanide, cns., dms	lb.	.55	- .60
Glycerophosphate, 75% sol., cns., 100 lbs.	lb.	1.25	- 1.30
Guaiacolsulphonate, cns	lb.	1.65	- 1.70
Hydroxide, USP, sticks, cns	lb.	.86	- .87
Hypophosphite, cns	lb.	.72	- .77
Iodate, bbls	lb.	3.20	- 3.25
Iodide, bbls., fib. dms	lb.	1.10	- 1.15
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports	ton.	12.00	- —
Manure salt, dom., 20% K_2O, bulk, c.l.f. ports	ton.	12.00	- —
run of mine, approx. 30% K_2O, bulk, c.l.f. ports, unit-ton.		.55	- —
import., 50% K_2O, bulk, shipt. unit-ton.		.55	- —
Metabisulphite, kgs	lb.	.15	- —
Muriate, dom., all strengths, min. 50% K_2O, bulk unit-ton.		.50	- —
import., all strengths, min. 50% KCl, basis 50% K_2O, bulk, c.l.f. ports	unit-ton.	.50	- —
Potash muriate prices in bags are $2 ton higher than bulk price.			
Oxalate, pure, cryst., kgs	lb.	.30	- .31
tech., bbls	lb.	.25	- .26
Perchlorate, kgs., works	lb.	.09	- .11
Permanganate, tech., dms	lb.	.18½	- .19
Prussiate, red, bbls	lb.	.35	- .37
Yellow, bbls.	lb.	.15	- .16
Silicate alkaline, lump, bags	lb.	.07	- —
Sulphate, NF, bbls	lb.	.13	- .14
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports	ton.	36.25	- —
Vegetable, bulk, f.o.b. Balto	ton.	19.97	Nom.
Xanthate, dms., c.l	lb.	.13	- —
l.c.l.	lb.	.13½	- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt.	ton.	24.75	- —
Potash-titanium oxalate, kgs	lb.	.23	- .25
Prickly ash bark, bls	lb.	.11½	- .15
Berries, bls	lb.	.15	- .16
Prince's pine herb, bls	lb.	.18	- .20
Propane, tanks, G.S.	gal.	.03	- .04¾
Psyllium seed (see Fleaseed).			
Pulsatilla, bls	lb.	.18	- .20
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works	lb.	.03	- —
less than 3, works	lb.	.03½	- —
F and 1, bbls., 3 or over, works	lb.	.03½	- —
less than 3, works	lb.	.04	- —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works	lb.	.04	- —
less than 3, works	lb.	.04½	- —

Petroleum—Red, Cadmium

Pumice stone, Ital.-grd., bgs., c.l., shipt, ex dock N.Y.	ton.	32.85	Nom.
l.c.l., 5-29 tons, ex whse.	ton.	37.70	- —
1,000-10,000 lbs., ex whse	ton.	38.70	- —
2 bgs. to 1,000 lbs., ex whse	ton.	40.70	- —
single bgs., ex whse	ton.	45.70	- —
Pumpkin seed, bgs	lb.	.11	- .14
Purple lake (see Red).			
Putty, com'l., dms., 1,000 lbs.	100 lbs.	2.90	- —
500-999 lbs	100 lbs.	3.10	- —
100-499 lbs	100 lbs.	3.25	- —
linseed oil, raw, dms., 1,000 lbs.	100 lbs.	4.65	- —
500-999 lbs	100 lbs.	4.85	- —
100-499 lbs	100 lbs.	5.00	- —
refined, dms., 1,000 lbs.	100 lbs.	5.15	- —
500-999 lbs	100 lbs.	5.35	- —
100-499 lbs	100 lbs.	5.50	- —
standard, dms., 1,000 lbs.	100 lbs.	3.65	- —
500-999 lbs	100 lbs.	3.85	- —
100-499 lbs	100 lbs.	4.00	- —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand	gal.	4.15	- —
basis, 3.6% pyrethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand	gal.	6.10	- —
Pyrethrum flowers, coarse, grnd. (g.f.p.), Japan, bgs., frt. alld., 15 tons or over.	lb.	.12¾	- —
fine powd., Dalmat., bbls.	lb.	.14	- .16
Japan, bbls., ton lots, frt. alld.	lb.	.15¾	- —
Pyridin, denaturing, dms	gal.	1.30	- —
refd., 2° dms	lb.	.40	- —
Pyrites, Spanish, bulk, c.l.f. Atl. ports	unit-ton.	.12-.13	Nom.
Pyrocatechin, CP, cryst., works, fib. dms., tins	lb.	2.15	- 2.40
resublimed, fib. dms., tins	lb.	4.60	- —
Pyroxylin scrap, amber, cs., works	lb.	.15	- —
black, cs., works	lb.	.10	- —
China white, ivory, cs., works	lb.	.16	- —
dense white, cs., works	lb.	.12	- —
gray, cs., works	lb.	.10	- —
mixed, mottles, opaque, cs., works	lb.	.04	- —
shell-demi, cs., works	lb.	.12	- —
translucent pastels, cs., works	lb.	.10	- —
transparent, cs., works	lb.	.20	- —
colors, cs., works	lb.	.12	- —
shavings, amber, cs., works	lb.	.16	- —
colors, mixed, cs., works	lb.	.10	- —
white, cs., works	lb.	.15	- —

Q

Quassia, chips, bls	lb.	.06	- .07
Quebracho extract, liquid, 35% tan., bbls., works	lb.	.03¾	- —
tanks, works	lb.	.02¾	- —
solid, 65% bgs., c.l., ex dock, plus duty	lb.	.03¾	- —
clarified, 64% bgs., c.l., same basis	lb.	.04¾	- —
Queen of the meadow herb, bgs	lb.	.06	- .07
Root, bgs	lb.	.06	- .07
Quercitron extract, liquid, 51°, bbls	lb.	.06	- .08
solid, dms	lb.	.10	- .13
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y.	flask.	92.00	-93.00
Quince seed, bgs	lb.	.75	- 1.50
Quinidine, cryst., small, cns	oz.	.99	- —
large, cns	oz.	.96	- —
pwd., precip., cans	oz.	.91	- —
Sulphate, cns	oz.	.97	- —
Quinine, 100 ozs., cns	oz.	.74	- —
Acetate, cns	oz.	.96	- —
Arsenate, cns	oz.	.98	- —
Arsenite, cns	oz.	1.00	- —
Bisulphate, cns	oz.	.53	- —
Citrate, cns	oz.	.71	- —
Dihydrobromide, bots	oz.	.74	- —
Dihydrochloride, bots	oz.	.74	- —
Ethylcarbonate, cns	oz.	.74	- —
Ferrocyanide, cns	oz.	1.00	- —
Formate, cns	oz.	.98	- —
Glycerophosphate, cns	oz.	1.13	- —
Hydrochloride, cns	oz.	.06¾	- —
Hydrochlorosulphate, cns	oz.	.74	- —
Hydroiodide, cns	oz.	.99	- —
Hypophosphite, cns	oz.	.98	- —
Phosphate, cns	oz.	.81	- —
Salicylate, cns	oz.	.72	- —
Sulphate, U.S.P. X, cns	oz.	.53	- —
U.S.P. XI, cns	oz.	.59½	- —
Sulphocarbolate, cns	oz.	.96	- —
Tannate, cns	oz.	.87	- —
Tartrate, cns	oz.	.90	- —
Valerate, cns	oz.	.93	- —
Quinine-urea hydrochloride, cns	oz.	.74	- —

R

R salt, bbls	lb.	.52	- .55
Rapeseed, Belgian, bgs	lb.	.06¼	- .06½
Dutch, bgs	lb.	.06¼	- .06½
Japanese, bgs	lb.	.06¼	- .06½
Raspberries, dried, bbls	lb.	.80	- .85
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis	lb.	1.10	- —

Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Amaranth (see Red, maroon, lake).			
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.80	- —
smaller lots, same basis.	lb.	.85	- —
kgs., ton lots, same basis.	lb.	.85	- —
smaller lots, same basis.	lb.	.90	- —
light shade, bbls., ton lots, same basis.	lb.	.68	- —
smaller lots, same basis.	lb.	.70	- —
kgs., ton lots, same basis.	lb.	.70	- —
smaller lots, same basis.	lb.	.75	- —
light-medium shade, ton lots, same basis.	lb.	.70	- —
smaller lots, same basis.	lb.	.75	- —
kgs., ton lots, same basis.	lb.	.75	- —
smaller lots, same basis.	lb.	.80	- —

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Brucine Sulfate
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Codeine Alkaloid
Codeine Phosphate
Codeine Sulfate
Iodine Resublimed
Iodoform
Menthol-Y
Morphine Alkaloid
Morphine Sulfate
Opium Gum *(Gran. and Powd.)*
Potassium Iodide *(Cryst.-Gran.-Powd.)*
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Red, cadmium, lithopone, maroon shade, bbls., ton lots, same basis..lb. .90 - —
smaller lots, same basis. lb. .95 - —
kgs., ton lots, same basis. lb. .95 - —
smaller lots, same basis. lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis. lb. .80 - —
kgs., ton lots, same basis. lb. .80 - —
smaller lots, same basis. lb. .85 - —
selenide, bbls., ton lots.works. 2.00 - —
smaller lots, works.....lb. 2.50 - —
Orange, bbls., ton lots, works..lb. 1.50 - —
smaller lots, works....lb. 1.75 - —
Carmine 40, cns., 500 lbs....lb. 4.00 - —
100 lbs.....lb. 4.15 - —
11 lbs.....lb. 4.40 - 4.50
Crocus martis (see Red, purple oxide).
Eosin, kgs.....lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.25 - —
open order .....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.65 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech..dom.,bbls., lb. 1.40 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09½- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .06¾- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kegs., same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04¼- —
ex whse., Chicago, St. Louis..lb. .04¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phosphotungstic Rhodamine Y, bbls..lb. 3.50 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide.....lb. No Stocks.
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. .18¾- —
Venetian, bbls., works.....lb. .0190- —
10%, bbls., works.....lb. .0215- —
15%, bbls., works.....lb. .02¼- —
20%, bbls., works.....lb. .02¼- —
25%, bbls., works.....lb. .02¾- —
30%, bbls., works.....lb. .03 - —
35%, bbls., works.....lb. .0335- —
40%, bbls., works.....lb. .03¾- —
Vermilion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500-lbs..lb. 1.72 - —
smaller lots.....lb. 1.73 - 1.83
Red dyes are listed under Dyes.
Red precipitate, U.S.P. IX, bxs., fib. dms., kgs., 100 lbs..lb. 1.74 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works..lb. .75 - .90
USP, cryst., bbls., works....lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .08¼- .10
Rhodinol, bots.....lb. 5.75 -15.00
Rhubarb, root, bbls., cs., kgs..lb. .32 - .33
powd., bbls., kgs.....lb. .35 - .37
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't.....lb. .14½- —
smaller lots.....lb. .15 - —
powd., bbls., 5,000 lbs., 1 shipm't .....lb. .13½- —
smaller lots.....lb. .14 - —
Rose flowers, pale, bls.....lb. .22 - .23
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05 - .05½
Rosin, gum, B, bbls., ex dock.. 280 lbs. 9.90 - —
E, bbls.....280 lbs.10.25 - —
D, bbls.....280 lbs.10.70 - —
F, bbls.....280 lbs.11.25 - —
G, bbls.....280 lbs.11.25 - —
H, bbls.....280 lbs.11.25 - —
I, bbls.....280 lbs.11.25 - —
K, bbls.....280 lbs.11.25 - —
M, bbls.....280 lbs.11.25 - —
N, bbls.....280 lbs.11.25 - —
W. G., bbls.....280 lbs.11.50 - —
W. W., bbls.....280 lbs.13.25 - —
X, bbls.....280 lbs.13.25 - —
Wood, F.F., bbls., spot..280 lbs.10.87 -11.75
Southern shipping point. 280 lbs.10.00 - —
Rottenstone, dom., bgs., c.l.,f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .06½- .10
Rue, bls.....lb. .21 - .22

S

Sabadilla seed, powd., bbls....lb. .22 - .26
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.73 - 2.05
Safflower, bls.....lb. .27 - .28
Saffron, Mexican, bls.....lb. .50 - .55
Spanish, tins.....lb.13.50 -14.50
Safrol, cns.....lb. .58 - —
dms.....lb. .55 - —
Sage, Dalmatian, stemless.....lb. .06¾- .06¾
garden, bls.....lb. .06¾- .07½
Sago flour, bgs.....lb 02¾- .03¾
Salicin, cns.....lb. 4.00 - 4.25
Salol, kgs.....lb. .90 - .95
Salt, reclaimed, bgs., c.l., dlvd., N. Y..ton.13.04 - —
vacuum, common, fine, bgs., c.l., dlvd. N. Y..ton.14.06 -14.58
l.c.l., dlvd. N. Y.....ton.17.00 - —
Saltcake, grd., dom., bbls., works, ton.19.00 -23.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.i.f.....ton.12.00 -13.50
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.00 - 7.75
1-9 tons.....100 lbs. 7.40 - 7.90
less than ton lots...100 lbs. 7.40 - 8.15
gran., bbls.,10-20 tons..100 lbs. 6.00 - —
1-9 tons.....100 lbs. 6.15 - —
less than ton lots..100 lbs. 6.40 - —
powd., bbls., 10-20 tons.100 lbs. 7.00 - —
1-9 tons.....100 lbs. 7.15 - —
less than ton lots...100 lbs. 7.40 - —
Santonin, cryst., cns.....lb.30.00 -32.00
Saponin, cns.....lb. 1.45 - 1.50
Sarsaparilla root, Honduras, bls..lb. .45 - .50
Mexican, bls.....lb. .20 - .22
Sassafras bark, ord., bls.....lb. .11 - .12
select, bls.....lb. .22 - .23
Savory, bls.....lb. .07½- .08
Saw palmetto berries, bgs.....lb. .30 - .33
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't.....lb. .11½- —
smaller lots.....lb. .12 - —
kegs, 5,000 lbs., 1 shipm't.lb. .12 - —
smaller lots.....lb. .12½- —
Senega root, bls.....lb. .54 - .55
Senna leaves, Alexandria, bls..lb. .10 - .11
Tinnevelly, No. 1, bls.....lb. .11 - .12
2, bls.....lb. .07 - .08
3, bls.....lb. .05½- .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Poda, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. 1.25 - 1.30
Shellac, bleached, bonedry, bbls., f.o.b. N. Y..lb. .21 - .22
dlvd. Boston.....lb. .21½- .22½
Chicago.....lb. .22 - .23
Pacific Coast.....lb. .23 - .24
refd., bbls., f.o.b. N.Y.....lb. .25 - .26
dlvd. Boston.....lb. .24½- .25½
Chicago.....lb. .26 - .27
Pacific Coast.....lb. .28 - .29
Garnet, bgs.....lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .26
superfine, bgs., f.o.b. Bost., N. Y..lb. .16 - .15½
dlvd, Chicago.....lb. .16 - .16½
Pacific Coast.....lb. .18 - .18½
T.N., bgs., f.o.b. Bost., N. Y. lb. .14 - .14½
dlvd. Chicago.....lb. .15 - .15½
Pacific Coast.....lb. .17 - .17½
Shellac, varnish, orange, 5-lb. cut, bbls..lb. .90 - 1.00
4½-lb. cut.., bbls.....gal. .85 - .95
4-lb. cut, bbls.....gal. .80 - .90
white, 5-lb. cut, bbls.....gal. 1.05 - 1.15
4½-lb. cut, bbls.....gal. 1.00 - 1.10
4-lb. cut bbls.....gal. .95 - 1.05
Silica amorph., dry-grd., 95-97%. 325 mesh,bgs.,c.l.,works.ton.17.00 - —
l.c.l., 2½ tons,works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works, ton.18.00 - —
l.c.l., 2½ tons,works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works. ton.35.00 - —
l.c.l., 2½ tons,works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
96-98% 325 mesh, bgs., c.l., works..ton20.00 - —
l.c.l., 2½ tons,works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh., bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons,works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .7767- —
Silver nitrate, vls.....oz. .82¾- .84¾
Nucleinate, cns., 500 ozs....oz. .35 - .45
Proteinate, cns., 500 ozs....oz. .34 - .35
Simarubra bark, bls.....lb. .28 - .30
Skatol, bots.....oz. 4.00 -10.00
Skullcap, Eastern, bls.....lb. .25 - .26
Western, bls.....lb. .24 - .25
Skunk cabbage root, bls.....lb. .15 - .16
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .11 - .12
Smalt, black, extra velvet, bbls. lb. .06 - .08
Blue, bbls.....lb. .06½- .07
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .09
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda abietate, dms.....lb. .08 - —
Acetate, anhyd., dms.....lb. .03¼- —
flake, 60%, dms.....lb. .04¼- .05
Alginate, dms.....lb. .04 - —
Antimoniate, bbls.....lb. .13¾- .14½
Arsenate, dms.....lb. .09½- .11½
Arsenite, liq., dms.....lb. .40 - .75
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.03 - —
2.....100 lbs. 2.18 - —
3.....100 lbs. 2.43 - —
4.....100 lbs. 2.83 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2.....100 lbs. 2.40 - —
3.....100 lbs. 2.65 - —
4.....100 lbs. 3.05 - —
bulk, c.l., works....100 lbs. 1.10 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 1.98 - —
2.....100 lbs. 2.13 - —
3.....100 lbs. 2.33 - —
4.....100 lbs. 2.78 - —
bbls., c.l.....100 lbs. 1.60 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. 1.05 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 1.98 - —
2.....100 lbs. 2.13 - —
3.....100 lbs. 2.33 - —
4.....100 lbs. 2.78 - —
Soda ash, light, 58%, bbls., c.l., works..100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2.....100 lbs. 2.40 - —
3.....100 lbs. 2.65 - —
4.....100 lbs. 3.05 - —
bulk, c.l.....100 lbs. 1.05 - —
Soda ash l.c.l. prices are per 100 lbs. and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. For ex warehouse, deduct 15c. per 100 lbs. from the above prices; out of town shipments, use ex warehouse prices as f.o.b. cars at warehouse stock point. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N.H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 lbs., or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs. or more..lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .53
Bicarbonate, gran., bbls., works..100 lbs. 2.15 - —
powd., bbls.,c.l.,works.100 lbs. 1.75 - —
l.c.l., dlvd. N.Y....100 lbs. 2.39 - —
kgs., c.l.....100 lbs. 2.09 - —
l.c.l., dlvd. N.Y....100 lbs. 2.64 - —
Bichromate, spot, c.l., works, lb. .06¾- —
6 cks. or 10 bbls. or over, works..lb. .06¾- —
5 cks. or 9 bbls. or less, works..lb. .07 - —
Bifluoride, bbls.....lb. .12 - —
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works.100 lbs. 1.55 - —
33 deg., bbls., c.l. works 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works 100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, bbls.....lb. .31 - .32
Cacodylate, jars.....lb. 6.50 - 6.75
Carbonate (see Soda ash, soda monohydrated soda, sal).
Caustic, flake, 76%, grd.,powd., ammon. process, bbls. c.l., works..100 lbs. 2.25 - —
dms., c.l., works.100 lbs. 2.09 - —
l.c.l., Zone 1...100 lbs. 3.45 - 4.00
2.....100 lbs. 3.60 - 4.05
3.....100 lbs. 3.85 - 5.20
4.....100 lbs. 4.25 - 5.00
electro process, dms., c.l. works..100 lbs. 2.25 - —
l.c.l., same zone prices as ammo. process.
liquid, 47-48%, buyer's tanks, works..100 lbs. 2.22½ -
seller's tanks, works..... 100 lbs. 2.20 - —
76%, buyer's tanks, works, 100 lbs. 2.27½ -
seller's tanks, works..... 100 lbs. 2.20 - —
solid, 76%, ammon. process, dms., c.l.,works..100 lbs. 2.40 - —
l.c.l., Zone 1...100 lbs. 3.05 - —
2.....100 lbs. 3.20 - —
3.....100 lbs. 3.45 - —
4.....100 lbs. 3.85 - —
electro process, dms., c.l. works..100 lbs. 2.25 - —
l.c.l., same zone prices as ammo process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .08
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, USP, VIII, gran., bbls. 225 lbs. .21 - —
cns, 50 lbs.....lb. .23 - —
25 lbs.....lb. .25 - .26
kgs., 100 lbs.....lb. .22 - —
USP X, gran., bbls., 250 lbs. lb. .27½- —
cns, 50 lbs.....lb. .29½- —
25 lbs.....lb. .31½- .32½
kgs., 100 lbs.....lb. .28 - —
powd., bbls., 250 lbs.....lb. .28 - —
cns., 50 lbs.....lb. .30 - —
25 lbs.....lb. .32 - .33
kgs, 100 lbs.....lb. .29 - —
Cyanide, 96-98%, dom., dms..lb. .16½- .17¼
import., cs.....lb. .16¼- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07½- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9 same basis.....lb. .08¼- —
1-4, same basis.....lb. .08½- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, cryst., bbls., cns., 100 lbs..lb. 1.15 - —
solution, 75%, cns.....lb. .90 - —
50%, cns.....lb. .55 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hydrophosphite, cns.....lb. .67 - .72
Hyposulphite, cryst.,large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls.....100 lbs. 2.50 - 3.05
gran., bbls.....100 lbs. 2.75 - 3.30
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Metanilate, kgs.....lb. .41 - .42
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.75 - —
gran., bbls.,c.l.,works.100 lbs. 2.15 - —
l.c.l., dlvd.....100 lbs. 2.60 - 2.80
Molybdate, tech., anhyd., kgs., lb. .65 - .70
cryst., kgs.....lb. .55 - .60
Monohydrated, bbls.....100 lbs. 2.00 - —
works.....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .09 - —
Naphthionate, bbls.....lb. .52 - .54

Red, Cadmium—Strychnine

Soda, nitrate, crude, 100-lb. bgs., Feb.-June dlvy., ports.ton.27.50 - —
200-lb. bgs., same basis. ton.26.80 - —
bulk, same basis.....ton.25.50 - —
rfd., gran., bbls, 10-25..100 lbs. 2.25 - —
5-9.....100 lbs. 2.40 - —
1-4.....100 lbs. 2.65 - —
powd., bbls.....lb. .05% Nom.
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized...lb. .07 - —
West Coast, f.o.b. ports.lb. .06¾- —
l.c.l.....lb. .08½- .11½
Soda nitrite l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs.....lb. .11 - —
Perborate, NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¾- —
Phosphate, dibasic, tech., bgs., c.l., works.....100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - —
bbls., c.l., works...100 lbs. 1.90 - —
l.c.l., works.....100 lbs. 2.10 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l.....100 lbs. 8.35 - —
tribasic, bgs., c.l., works.... 100 lbs. 1.95 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
kgs., c.l., works....100 lbs. 2.55 - —
l.c.l., works.....100 lbs. 2.95 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, contracts..lb. .10 - —
spot .....lb. .11½- —
Pyrophosphate, anhyd., bbls.lb. .10 - —
cryst., bbls.....lb. .09¼- —
Sal, bgs., dlvd. N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms. and up, delvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid. dms., c.l., works..100 lbs .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.25 - —
l.c.l., 5 or more, works, 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls....lb. .06½- .07
import, bbls.....lb. .06½- .07
Stannate, dms.....lb. .35 - .38
Stearate, lump, bbls., works..lb. .20 Nom.
powd., bbls., works.....lb. .24 - —
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works. 100 lbs. 1.70 - 1.90
less than 5 tons, works. 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd. 100 lbs. 3.00 - —
flake, chips, broken, bbls., c.l. works..100 lbs. 3.50 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - —
less than 5 tons, dlvd. 100 lbs. 4.25 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd. 100 lbs. 3.75 - —
sulphite, cryst., bgs., works... 100 lbs. 2.10 - 2.85
bbls.....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4.....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs.....lb. 1.30 - 1.40
tech., kgs.....lb. .80 - .85
Solvent naphtha, high-flash, dms., works, frt. equald..gal. .36 - —
tanks, same basis.....gal. .31 - —
Water-white, dms., works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .22 - .23
Spikenard root, bls.....lb. .12 - .15
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01½- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .31 - .32
St. John's bread, bls.....lb. .08½- .09
Starch, corn, pearl, bgs...100 lbs. 3.78 - 3.98
powd., bgs.....lb. 3.88 - 4.08
Iodide, bots.....lb. 1.87 - —
Potate, dom., bgs.....lb. .04½- .05½
import., bgs.....lb. .05 - .06
Rice, bbls.....lb. .07¼ Nom.
Wheat, bgs.....lb. .08¼- .08¾
Stavesacre seed, bgs.....lb. .35 - .40
Stearin, oleo, bbls.....lb. .10½- .10¼
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .06½- .07
Storax, cs.....lb. .33 - .35
Stramonium leaves, bls.....lb. .11 - .12
Seed, bgs.....lb. .09 - .10
Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-4 bbls. and over.....lb. .08¾- —
import, bbls.....lb. .08½- .09
Strophanthus seed, Kombe,bgs.lb. 1.45 - 1.50
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hydrophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .43
powd., cns.....oz. .52 - .53

Sucrose—Zinc Arsenite

Sucrose octa-acetate, denat. grade, bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .65 - 1.05
Milk, bbls., c.l.....lb. .13 - —
l.c.l., 10 or over.....lb. .15 - —
less than 10.....lb. .16 - .17
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts..long ton. 18.00 - —
c.l., spot, nearby..long ton. 21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long-ton. 22.00 -25.00
Bost., Portland..long ton. 22.50 -25.50
flowers, bgs., c.l., works, 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
Refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, com'l., bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., bbls., works..100 lbs. 2.30 - 2.70
rfd., extra fine, bgs., c.l., works..100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works, 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works, 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls, works.....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
Roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls, works.....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works.....100 lbs. 2.85 - 3.25
Chloride, dms., c.l., works...lb. .02½- —
l.c.l., dms., works.....lb. .03½- —
Dioxide, liq., com'l, cyls., wks. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works..lb. .15 - .17
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.80 - 3.85
Sumac, leaf, Sicilian, bls.....ton. 60.00 -63.00
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls.....lb. .06½- .06½
Stainless, bbls.....lb. .08½- .08½
Sumac, leaf, Sicilian, bls.....ton. 65.00 -68.00
Sunflower seed, Calif., large, bgs. lb. .07 - .07½
medium, bgs.....lb. .06¼- .06¾
poultry, bgs.....lb. .05¾- .06¼
Hungarian medium, bgs..lb. .06¼- .06¾
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.25 - 8.32½
run-of-pile, basis 16%, bulk same basis..ton. 8.00 - —
triple, 44-45%, a.p.a., bulk, f.o.b. Balto..unit-ton. .70 - —

T

Talc, dom., Calif., 1, bgs, c.l., mills..ton. 20.00 - —
2, bgs., c.l., mills.....ton. 17.00 - —
N.Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills. ton. 13.00 - —
l.c.l., mills.....ton. 15.00 - —
96.98% 325 mesh, bgs., c.l., mills..ton. 14.00 - —
l.c.l., mills.....ton. 16.00 - —
98-99½% 325 mesh, bgs., c.l., mills, ton..14.10 - —
l.c.l., mills.....ton. 15.00 - —
99.85-99.95% 325 mesh, bgs., c.l., mills..ton. 16.00 - —
coarse, off color, bgs., c.l., mills..ton. 10.00 -12.00
Ohio, alum-magn. type, grd., bgs., c.l., mills..ton. 21.00 - —
bgs., c.l., mills..ton. 24.00 - —
Vermont, bgs., c.l., mills.ton. 14.00 - —
l.c.l., ex whse.....ton. 25.00 - —
Import., Canad., bgs., c.l., dlvd..ton. 28.00 - —
l.c.l., dlvd.....ton. 28.50 - —
French, high-grade, bgs., l.c.l., ex whse..ton. 45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton. 23.00 -25.00
l.c.l., ex whse.....ton. 27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton. 65.00 -67.00
ex whse.....ton. 85.00 - —
2, bgs., ex dock, arrival.ton. 60.00 -62.00
Tallow, animal, edible, bbls....lb. .10¼ Nom.
extra, loose, works.....lb. .08¾- .09¼
special, loose, works.....lb. .08⅝- .09⅜
sulphonated 35% (24% fat), dms., c.l..lb. .07 - —
l.c.l.....lb. .07½- —
50% (43% fat), dms., c.l..lb. .07½- —
l.c.l.....lb. .08 - —
50% (48% fat), dms., c.l..lb. .08 - —
l.c.l.....lb. .08½- —
Tamarinds, W. I., bbls.....lb. .06 - .06½
kegs.....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12% ammon., 15-20% b.p.l., bulk.....unit-ton. 4.00 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk..... unit-ton. 4.00 & .10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk, Chicago..unit-ton. 3.75 & .10
high-grade feeding, bulk, Chicago..unit-ton. 4.00 4.25 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, Mar.-Apr. shipt..unit-ton. 4.00 & .10
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03½- .05½
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd. ports.....gal. .25 - —
l.c.l.....gal. .26 - —
tanks, dlvd. E. cities...gal. .20 - —
Tar acid oil, 15%, dms, c.l., works.....gal. .21 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works.....gal. .24½- —
l.c.l., same basis.....gal. .27½- —
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
powd., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
USP, powd. bbls.....lb. .30 - .30½
Terebene, cns.....lb. .70 - .75
Terpenyl acetate, cns.....lb. .85 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .28 - —
dms.....lb. .23 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts.....lb. .13¾- —
tanks.....lb. .14 - —
contracts.....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works..lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .10½- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 99% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.20 - —
Thyme, French, bls.....lb. .09½- .10
Thymol, bots., 100 lbs.....lb. 1.65 - —
smaller lots.....lb. 1.70 - 1.95
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons lb. .26 - —
5 tons, same basis.....lb. .27 - —
4% rotenone prices 5c. per lb., less.
Tin, crystals, bbls., kgs.....lb. .39½- .40
Metal, Straits.....lb. .53⅞- —
Oxide, bbls.....lb. .54 - .56
Tetrachloride, anhyd., bbls...lb. .27 - —
Titanium, dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .16 - —
Pac. cst., f.o.b. terminals.lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16½- —
Pac. cst., ex whse.....lb. .16½- —
50-999 lbs., E. dlvd.....lb. .16¾- —
Pac. cst., ex whse...lb. .16¾- —
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse....lb. .19 - —
bbls., c.l. (20 tons) E., frt. alld.....lb. .16¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....lb. .17 - —
pigment, barium base, bgs., 1,000-lb. lots, E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
50-999 lbs., E. dlvd....lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., 1,000-lb. lots, E., frt. alld..lb. .06 - —
50-999 lbs., E. dlvd....lb. .06¼- —
Calcium base, bgs., 1,000-lb. lots, E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
50-999 lbs., E. dlvd....lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
under 50 lbs., E. dlvd..lb. .06¾- —
bbls., 1,000-lb. lots, E. frt. alld..lb. .06 - —
50-999 lbs., E. dlvd....lb. .06¼- —
Tolidin base, kgs.....lb. .85 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsams, cns.....lb. .48 - .53
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works,..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works...gal. .30 - —
Tonga vine, NF, bls.....lb. .26 - .30
Tonka beans, Angostura, cks...lb. 2.50 - 2.60
Triacetin, dms.....lb. .36 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms, l.c.l., works. lb. 1.25- —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .38 - .40
dms., c.l., dlvd.....lb. .32 - —
500 lbs., dlvd.....lb. .35 - —
tech., 1, cns., dlvd.....lb. .26 - .27
dms., c.l., dlvd.....lb. .22½- —
500 lbs., dlvd.....lb. .23 - —
2, cns., dlvd.....lb. .24 - .35
dms, c.l., dlvd.....lb. .20½- —
500 lbs., dlvd.....lb. .21 - —
Triethanolamine, dms., works.lb. .26 - .30
Triethylene glycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms.....lb. .34 - .36
Triphenylguanidin, dms.....lb. .58 - .60
Tripoli, air-floated, bgs., c.l., works..ton. 25.00 - —
l.c.l., ex whse., N.Y....ton. 40.00 - —
1 ton, works.....ton. 30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs., c.l. works.. ton. 17.00 - —
l.c.l., 1 ton, works.....ton. 22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works..ton. 15.00- —
l.c.l., 1 ton, works.....ton. 20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms. lb. 1.90 - 2.00
99%, dms.....lb. 2.05 - 2.15
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.65 - 1.75
Turmeric root, Alleppy, bgs....lb. .06½- .07
Madras, bgs.....lb. .06¼- .06¾
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .47 - —
l.c.l., 10, ex dock.....gal. .49 - —
5, ex dock.....gal. .51 - —
wood, dest.-dist., dms., c.l., dlvd, E. cities, ports..gal. .39 - —
l.c.l., same basis....gal. .41 - —
tanks, dlvd., E. cities..gal. .35 - —
Turpentine, steam-dist., dms., c.l., dlvd..gal. .44 - —
l.c.l., dlvd.....gal. .47 - —
tanks, dlvd.....gal. .39 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root.)
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton. 95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton. 95.00 - —
f.o.b. N. Y.....ton. 101.00 - —
import, 46% N, bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt. ton. 95.00 - —
smaller lots, f.o.b. N. Y. from whse. 101.00 - —
pure, cs.....lb. .14½- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. Gulf ports..unit-ton. 1.04 - —
Uva ursi leaves, bls.....lb. .12 - .13

V

Valerian root, 6ts.....lb. .11 - .12
Valonia, beards, bgs., shipt..ton. 49.00 - —
Cups, bgs., shipt.....ton. 32.00 -34.00
Vanilla beans, Bourbon, tins..lb. 4.00 - 4.50
Mexican, tins.....lb. 4.00 - 4.50
cut, tins.....lb. 3.75 - 4.00
South American, tins.....lb. 3.75 - 4.00
Vanillin, ex eugenol, 25-lb. tins, 2,000 lbs. or more..lb. 3.65 - —
1,000 lbs. or more.....lb. 3.70 - —
900 lbs. or less.....lb. 3.75 - —
5-lb. tins, 2,000 lbs. or more. lb. 3.75 - —
1,000 lbs. or more.....lb. 3.80 - —
900 lbs. or less.....lb. 3.85 - —
1-lb. tins, 2,000 lbs. or more. lb. 3.90 - —
1,000 lbs. or more.....lb. 3.95 - —
900 lbs. or less.....lb. 4.00 - —
1-oz. tins, 2,000 lbs. or more.. lb. 4.25 - —
1,000 lbs. or more.....lb. 4.30 - —
900 lbs. or less.....lb. 4.35 - —
single lbs.....lb. 4.80 - —
single ozs.....lb. 5.15 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs.....lb. .47 - .49
Verdigris, kgs.....lb. .24 - .26
Violet, methyl. toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .76 - .80
tree, bark, bls.....lb. .24 - .25
Wattle bark, bgs., shipt.....ton. 31.00 32.00
Extract, 60°, bbls.....lb. .03⅝- —
Wax, bayberry, import, bgs....lb. .16½- .17
Bees, white, bleach, slabs., cs., 500 lbs..lb. .38 - .44
yellow, crude, Africa, bgs., lots of 10..lb. .29½- .30
1 bg.....lb. .30 - .30½
Brazil, Chile, bgs., 5-10 tons. lb. .31 - .32
1 ton.....lb. .31½- .32½
500 lbs.....lb. .32 - .33
100 lbs.....lb. .32½- .33½
refd., slabs, cs., lbs.....lb. .34 - .38
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Carnauba, bgs., No. 3 chalky, 1 ton..lb. .34½- .35
5, bgs.....lb. .35 - .35½
1, bgs.....lb. .35½- .36
N. C. 2, bgs.....lb. .38 - .40
N. C. 3, bgs., 1 ton.....lb. .35 - .35½
5, bgs.....lb. .35½- .36
1, bgs.....lb. .36 - .36½
refined, bgs.....lb. .39 - .40
yellow, 1, bg, 1 ton.....lb. .45 - .45½
5, bgs.....lb. .45½- .46
1, bgs.....lb. .46 - .46½
2, bgs.....lb. .43½- .44
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10½- .11
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11⅝
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .32 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure, 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05½- .06
White precipitate, powd., bots, 5 lbs..lb. 1.90 - —
dms.....lb. 1.70 - 1.78
Whiting, chalk, coml., dry-grd., blp. bgs., c.l., works..ton. 12.00 - —
l.c.l., works.....ton. 14.00 - —
bbls., c.l., works.....ton. 15.00 -16.50
l.c.l., works.....ton. 17.00 - —
pap. bgs., c.l., works.ton. 11.20 -13.50
l.c.l., works.....ton. 13.20 - 14.50
wet-grd., bgs., c.l., works, ton. 14.50 -15.00
l.c.l., works.....ton. 15.00 -19.00
bbls., c.l., works.....ton. 17.00 -18.00
l.c.l., works.....ton. 18.50 -20.00
gilder's bolted, blp. bgs., c.l., works..ton. 15.00 - —
l.c.l., works.....ton. 16.00 - —
bbls., c.l., works.....ton. 18.00 -19.50
l.c.l., works.....ton. 19.00 -20.00
pap. bgs., c.l., works.ton. 14.60 -15.50
l.c.l., works.....ton. 15.60 -16.50
extra bolted, blp. bgs., c.l., works..ton. 15.00 - —
l.c.l., works.....ton. 16.00 - —
5 bbls., c.l., works.....ton. 18.00 -22.50
l.c.l., works.....ton. 19.00 -22.00
pap. bgs., c.l., works.ton. 14.60 -17.50
l.c.l., works.....ton. 15.60 -18.50
Paris white, blp. bgs., c.l., works..ton. 15.00 - —
l.c.l., works.....ton. 16.00 - —
bbls., c.l., works.....ton. 18.00 -24.00
l.c.l., works.....ton. 19.00 -25.00
pap. bgs., c.l., works..ton. 14.60 -20.00
l.c.l., works.....ton. 15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75% 250 mesh, paper bgs., c.l., works..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis..ton. 8.00 - —
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton. 11.50 - —
l.c.l., 8-20 tons, works..ton. 12.50 - —
4-8 tons, works.....ton. 13.50 - —
2-4 tons, works.....ton. 14.50 - —
extra, bgs., (extra), c.l., works..ton. 12.50 - —
l.c.l., 8-20 tons, works. ton. 13.50 - —
4-8 tons, works....ton. 14.50 - —
2-4 tons, works....ton. 15.50 - —
Whiting, limestone, putty grade, bgs. (extra), c.l., works..ton. 11.00 - —
l.c.l., 8-20 tons, works..ton. 12.00 - —
4-8 tons, works.....ton. 13.00 - —
2-4 tons, works.....ton. 14.00 - —
water-floated, bgs. (extra), c.l., works..ton. 11.50 - —
l.c.l., 8-20 tons, works.ton. 12.50 - —
4-8 tons, works.....ton. 13.50 - —
2-4 tons, works.....ton. 14.50 - —
precipitated, bgs., c.l., works. ton. 15.00 - —
l.c.l., 5 tons, works.....ton. 20.00 - —
smaller lots, works....ton. 25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07½- .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., c.l., works..ton. 24.00 -30.00
standard, bgs., c.l., works.. ton. 18.00 -24.00
import, 40-60 mesh, bgs., ex dock..ton. 20.00 - —
70-80 mesh, bgs., ex dock..ton. 22.00 - —
100 mesh, bgs., ex dock....ton. 27.00 - —
120 mesh, bgs., ex dock....ton. 33.00 - —
Wormseed, American, bgs.....lb. .20 - .21
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works...gal. .30 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. of Omaha, works....gal. .33 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.30
Yellow, cadmium, CP, import., bxs..lb. 2.50 - —
lithopone, all shades, bbls., 1 ton, works, frt. alld..lb. .40 - —
smaller lots, same basis, lb. .45 - —
kgs, same basis.....lb. .50 - —
sulphide, orange, bbls., works, lb. .90 - .95
yellow, bbls., works.....lb. .90 - 1.00
Chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .13 - —
open order.....lb. .14 - —
Chrome yellow CP prices are ½c. higher dlvd, Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¾- —
H, bbls., works.....lb. .01¼- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import. lb. .0235- —
New York (f.o.b.)..lb. .02¼- —
Philadelphia, for import..lb. .02¼- —
Portland, Seattle...lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans..lb. .0245- —
New York.....lb. .02⅝- —
Philadelphia, for import..lb. .02⅝- —
Portland, Seattle..lb. .03⅛- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto, Boston, N. Orleans..lb. .0260- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03½- —
Minneapolis.....lb. .03⅝- —
New York.....lb. .02⅝- —
Pittsburgh.....lb. .03¼- —
Portland, Seattle...lb. .03⅝- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y. from dock, lb. .02½- —
from whse.....lb. .02⅝- —
Yellow, oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07¼
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .10 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08 - .09
Yohimbine hydrochloride, vls.oz. 2.50 - 2.55

Z

Zinc, arsenite, bgs., cs., c.l., consumers, E. of Rockies..lb. .10 - —
dealers.....lb. .09½- .14½
1,000 lbs. and over, consumer..lb. .10½- —
dealer.....lb. .10 - .15
less than 1,000 lbs., consumer..lb. .11 - —
dealer.....lb. .10½- .15½
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.

Zinc carbonate, tech., bbls....lb.	.12	.14
USP, precip., powd., bbls..lb.	.31	—
bbls. .....lb.	.31	—
dms. .....lb.	.36	—
kgs. .....lb.	.33	—
Chloride, fused, dms., c.l., works..100 lbs.	4.25	—
l.c.l., dms., works.100 lbs.	4.60	—
gran., dms., c.l., works. 100 lbs.	5.00	—
l.c.l., dms., works.100 lbs.	5.75	—
Chloride, solution, dms., works. lb.	.04½-	—
tanks, works.....lb.	.02	—
Cyanide, kgs., works.....lb.	.36	—
Dust, bbls., c.l., dlvd.....lb.	.0870-	—
l.c.l., 10,000 lbs. or over, dlvd..lb.	.0945-	—
less than 10,000 lbs., dlvd. lb.	.0995-	—
Fluoride, bbls.....lb.	.20	.25
Iodide, N.F., bots.....lb.	4.15	—
jars .....lb.	4.00	—
Metal (see daily quotations in report).	Market re-	
Oxide, pigment, dom., Amer. process, coml., lead-free, bgs., c.l., dlvd..lb.	.05¼-	—
l.c.l., dlvd. except Pac. cst..lb.	.05½-	—
ex whse., Pac. cst.lb.	.05½-	—
bbls., c.l., dlvd.....lb.	.05½-	—
l.c.l., dlvd., except Pac. cst..lb.	.05¾-	—
ex whse., Pac. cst.lb.	.05¾-	—
leaded, 5%, 35%, bgs., c.l., dlvd..lb.	.05½-	—
l.c.l., dlvd., except Pac. cst..lb.	.05¾-	—
ex whse., Pac. cs.lb.	.05¾-	—
bbls., c.l., dlvd.....lb.	.05¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.05¾-	—
ex-whse.,Pac. cst.lb.	.06¾-	—

Zinc oxide, pigment, dom., Amer. process., coml., leaded, 50%, bgs., c.l., dlvd..lb.	.05¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.05½-	—
ex-whse.,Pac. cst.lb.	.05½-	—
bbls., c.l., dlvd.....lb.	.05½-	—
l.c.l., dlvd., except Pac. cst..lb.	.05½-	—
ex-whse.,Pac. cst.lb.	.05¾-	—
French process, coml., lead-free, bgs., c.l., dlvd.lb.	.05¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.05½-	—
ex-whse.,Pac. cst.lb.	.05½-	—
bbls., c.l., dlvd.....lb.	.05½-	—
l.c.l., dlvd., except Pac. cst..lb.	.05¾-	—
ex-whse.,Pac. cst.lb.	.05¾-	—
green seal, bgs., c.l., dlvd. lb.	.06¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.06½-	—
ex-whse.,Pac. cst.lb.	.06½-	—
bbls, c.l., dlvd.....lb.	.06½-	—
l.c.l., dlvd., except Pac. cst..lb.	.06¾-	—
ex-whse.,Pac. cst.lb.	.06¾-	—
red seal, bgs., c.l., dlvd. lb.	.05¾-	—
l.c.l., dlvd. except Pac. cst..lb.	.06	—
ex whse., Pac. cst.lb.	.06	—
bbls., c.l., dlvd.....lb.	.06	—
l.c.l., dlvd. except Pac. cst..lb.	.06¼-	—
ex whse., Pac. cst.lb.	.06¼-	—
white seal, bgs., c.l., dlvd. lb.	.06¾-	—
l.c.l., dlvd. except Pac. cst..lb.	.07	—
ex whse., Pac. cst.lb.	.07	—
bbls., c.l. dlvd.....lb.	.07	—
l.c.l., dlvd. except Pac. cst..lb.	.07¼-	—
ex whse., Pac. cst.lb.	.07¼-	—

Zinc oxide, import., gold seal, cks., ex dock..lb.	.10¾-	.11¼
green seal, bbls., 1-15 tons, ex dock..lb.	.07½-	.09½
ex whse.....lb.	.07⅝-	.09⅞
red seal, bbls., 1-15 tons, ex dock..lb.	.08⅞-	—
ex whse.....lb.	.09	—
white seal, cks., lots of 3, ex dock..lb.	.09¾-	—
ex whse.....lb.	.10	—
smaller lots, ex dock...lb.	.10	—
ex whse.....lb.	.10¼-	—
Oxide, USP, bbls., c.l.....lb.	.08	—
l.c.l. .....lb.	.08¼-	—
Palmitate, bbls.....lb.	.23	.25
Resinate, fused, pale, bbls...lb.	.10	—
precip., dms., dlvd.....lb.	.15	—
Stearate, tech., precip., bbls., ctns., c.l..lb.	.20	—
l.c.l., 1 ton.....lb.	.21	—
1,000-2,000 lbs.....lb.	.22	—
less than 1,000 lbs..lb.	.23	—
USP, bbls.....lb.	.21	—
Sulphate, cryst., bgs., c.l.100 lbs.	2.65	—
l.c.l. .....100 lbs.	3.40	—
bbls., c.l.....100 lbs.	2.80	—
l.c.l. .....100 lbs.	3.55	—
flake, bgs., c.l....100 lbs.	3.05	—
l.c.l. .....100 lbs.	3.80	—
bbls., c.l.....100 lbs.	3.20	—
l.c.l. .....100 lbs.	3.95	—
powd., bgs., c.l.....100 lbs.	4.35	—
l.c.l. .....100 lbs.	5.10	—
bbls., c.l.....100 lbs.	4.50	—
l.c.l. .....100 lbs.	5.25	—
sulphide, bgs., c.l. (20 tons), dlvd..lb.	.09	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.09¼-	—
bbls., c.l. (20 tons), dlvd..lb.	.09¼-	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.09½-	—
Sulphocarbolate, NF, bbls...lb.	.24	.26

Zinc Carbonate—Zirconium

Zinc-ammonia chloride, dms., c.l., works..100 lbs.	4.65	—
l.c.l., dms, works.....100 lbs.	5.00	—
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb.	.04	—
l.c.l., dlvd. except Pac. cst..lb.	.04½-	—
ex whse., Pac. cst....lb.	.04½-	—
Zirconium nitrate, kgs., works.lb.	3.00	4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.	75.00	100.00
kgs., small lots, works..lb.	.04¾-	.04½
white, 98%, grd., kgs., works. lb.	1.40	1.52

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the February 1 issue; the next printing will be in the March 1 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials market, which begins on page 37.

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
Atlantic Refining Co.	Com.	Q.	25c.	Mar. 15	Feb. 23
Cook Paint & Varnish Co.	Com.	Q.	15c.	Mar. 1	Feb. 20
Cook Paint & Varnish Co.	Pfd.	Q.	$1.00	Mar. 1	Feb. 20
Devoe & Raynolds	A com.	Q.	75c.	April 1	Mar. 20
Devoe & Raynolds	B com.	Q.	75c.	April 1	Mar. 20
Devoe & Raynolds	2d pfd.	Q.	$1.75	April 1	Mar. 20
Dominguez Oil Fields Co.	.....	..	25c.	Feb. 27	Feb. 20
Du Pont (E. I.) de Nemours & Co.	Com.	..	75c.	Feb. 24	.....
Eastman Kodak Co.	Com.	Q.	$1.50	April 2	Mar. 5
Eastman Kodak Co.	Pfd.	Q.	$1.50	April 2	Mar. 5
El Dorado Oil Works	.....	Q.	40c.	Mar. 1	Feb. 19
Hiram Walker-Gooderham & Worts.	Com.	Q.	50c.	Mar. 15	Feb. 19
Hiram Walker-Gooderham & Worts.	Pfd.	Q.	25c.	Mar. 15	Feb. 19
Homestake Mining Co.	.....	M.	$1.00	Feb. 25	Feb. 20
Homestake Mining Co.	.....	Ext.	$2.00	Feb. 25	Feb. 20
Kellogg (Spencer) & Sons	Com.			Mar. 31	Mar. 15
Masonite Corp.	Com.	Q.	25c.	Mar. 10	Feb. 25
Masonite Corp.	Com.	Ext.	25c.	Mar. 10	Feb. 25
Penick & Ford, Ltd.	Com.	..	75c.	Mar. 15	Mar. 1
Peoples Drug Stores Co.	Com.	Q.	25c.	April 1	Mar. 8
Peoples Drug Stores Co.	Pfd.	Q.	$1.62½	Mar. 15	Mar. 1
Plymouth Oil Co.	Com.	Q.	25c.	Mar. 31	.....
Plymouth Oil Co.	Com.	Ext.	10c.	Mar. 31	.....
Procter & Gamble Co.	Pfd.	Q.	$1.25	Mar. 15	Feb. 25
Standard Oil Co. (Ohio)	Com.	..	25c.	Mar. 15	Feb. 27

Corporation Earnings Recently Reported

		1936		1935	
	Period.	Net income.	Per share.	Net income.	Per share.
American Can Co.	1936	$17,226,845	$5.80	$17,310,303	$5.83
Consol. Chemical Industries, Inc.	1936	643,833	2.01	501,374	1.57
Continental Can Co.	1936	9,038,788	3.17	11,223,578	4.21
Dr. Pepper Co.	1936	656,274	1.09	400,329	2.32
General Fireproofing Co.	1936	564,621	1.74	395,606	1.09
General Paint Corp.	1936	484,802	1.60	326,338	.67
Hinde & Dauch Paper Co.	1936	395,408	1.32	352,935	1.18
Italo Petroleum Corp.	1936	278,212	...	155,040	...
Libbey-Owen-Ford Glass Co.	1936	10,379,538	...	8,167,420	...
Lone Star Gas Corp.	1936	6,178,730	.99	5,188,473	.77
Monroe Chemical Co.	1936	188,577	.94	185,435	.89
National Transit Co.	1936	401,166	...	429,661	...
New Jersey Zinc Co.	1936	5,250,789	2.67	4,666,000	2.37
Northern Pipe Line Co.	1936	79,591	.66	76,575	.64
Owens-Illinois Glass Co.	1936	10,099,131	7.75	7,883,496	6.57
Parke, Davis & Co.	1936	9,213,124	1.88	8,781,293	1.81
Pennsylvania Salt Mfg. Co.	1936	1,589,201	10.59	1,160,654	7.74
Petroleum Heat & Power Co.	1936	549,472	...	58,340	...
Republic Petroleum Co.	1936	114,412	.35	45,593	.14
Ruberoid Co.	1936	812,930	6.58	505,746	3.81
Sharp & Dohme, Inc.	1936	1,193,959	...	747,846	...
Standard Oil Co. (Kans.)	1936	257,081	1.91	131,748	.91
U. S. Gypsum Co.	1936	5,328,113	4.03	3,491,252	2.48

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Oil, Paint and Drug Reporter

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Vol. 131 February 22, 1937 No. 8

The Fight on 'Reciprocity'

Congressman Patman, who has taken upon himself, and in a measure has performed, the task of providing statutory remedies for business evils, directs his latest endeavor to the eradication of a most insidiously pernicious practice. He seeks to lay a ban on so-called "reciprocity" in trade. In this endeavor he will have at least the inwardly felt support of a large part of the business community.

Mr. Patman is not concerned with reciprocal international trade, not even with the one-sided variety typified by tariff bargaining. He is after the "reciprocity" that consists of conditioning a purchase of goods from a given seller on the latter's buying goods from the one to whom he would sell. He considers an evil—and he has many in agreement with him—the practice that in many instances has reduced the purchasing agent to a wielder of a rubber stamp and made the buying of goods a mere matter of swapping by sales managers.

Reciprocity in the ordinary realms of trade is not of itself an evil. Reciprocal relations, when voluntary and friendly, are good for the spirit of business. But, enforced "reciprocity," often reaching far beyond the usual lines in which the parties are engaged, is a wholly destructive practice, in which there is nothing of friendship or of competitive fairness. It is nothing but a form of blackmail or racketeering.

Mr. Patman limits his proposed prohibitions to the type of "reciprocity" that has a tendency substantially to lessen competition or to create a monopoly. There is much "reciprocity" of this type. It is constantly increasing, and its malevolence is being severely felt in many fields.

As a rule the only gain that results from the practice is in the feeling of importance on the part of the trader who is able to corner the larger share in the swapping game. He can never be sure of financial gains, even when he has become a "big shot," because his ways are known and the bargains that he thinks he drives are not all on his side.

There is in this "reciprocity" distinct disadvantages for those who believe in open markets and a fair field. All these will at least wish Mr. Patman success.

Desire Under Fair Trade Acts

Somebody with the full qualifications of the type of leadership that is essential to success should turn to and make a good job of the preparation of a contract to be used under the increasing number of State fair trade acts. In the construction of these contracts there have been to date many errors that have hindered, far more than helped, the cause to which these laws are directed.

Suspicion and distrust must be eliminated from the negotiating of fair trade contracts. Before this can be done, the reasons for suspicion and distrust must be wiped out. It is difficult to construct any contractual, or statutory, provision that cannot, with more or less reason, be construed in more than one way. But, it is not impossible to prepare fair trade contracts in which indefinite, vague, and questionable provisions are far less prevalent than they are in some forms that have been drafted.

The real purpose of fair trade legislation is a simple one. The right which this legislation conveys to the manufacturer is quite definitely stated. Why, then, should the cause be jeopardized by endeavors to stretch the contractual obligations far beyond the scope of the statute?

Some time ago a contract was offered by some distributors' group under the Illinois fair trade act, in which it was sought to do a number of things that are not provided for in the law. One of the things attempted was to assure the retailer a continuous supply of the contractual article no matter what the state of his credit, and to have the contracting manufacturer force wholesalers to supply the article. It was further required that the article must be supplied at prices and terms which were so indefinitely stated that it would have been difficult to justify quantity price differences —something with which the fair trade act has absolutely nothing to do.

This provision has been somewhat improved in a revised form of the Illinois contract, but its language still leaves doubt of its meaning and of its legality.

In an effort to set up liquidated damages the original form of this contract left opportunity for the conclusion—and it has been drawn—that a manufacturer would be liable to all his contracting retailers for damages of $10 on every sale of his product below the stipulated minimum price. This provision is not contained in the new form of the contract, but some manufacturers, it is said, have entered into contracts of the earlier form.

Furthermore this contract, in both its forms, would bind the manufacturer and the retailer against making any other contract "relating to the sale or resale" of any contractual article in the State. This prohibition obviously would apply to contracts for advertising by either party and therefore is objectionable. It is an unnecessary obstacle in the path of progress toward effectuation of the purpose of fair trade legislation and has no place in a contract based on such legislation.

In certain instances the expansion of desires by means of terms in what should be a simple agreement on a minimum resale price is not only extralegal, with respect to a fair trade act, but also borders on, if not actually entering, the realm of illegality. A contract in accordance with the provisions of a fair trade act can be drawn up with the use of no more than fifty words. If there has been no previous sales contract, no other provisions are required, nor are they desirable. If sales have been made on a contract, the appropriate procedure is merely to insert a short provision respecting the maintenance of a minimum resale price.

Desire should not be permitted to run away with calm judgment of the purpose and process of a fair trade act. It is far better to take short and slow steps within the clear boundaries of legality and reasonableness than it is to gallop headlong to destruction of the stabilization processes that have been made available.

—O-P-D—

Greed Is Not Fair in Trade

Although the weight of factual evidence refutes much, if not most, of the argument presented in opposition to the enactment of legislation designed to remedy the trade evils caused by predatory price-cutting, it is not impossible, not even difficult, for the opponents to find support for their allegations. They can find this in the actions and utterances of the supporters of the legislation. Many a good cause has been wrecked by the ill-advised acts of its friends.

The only reason why it can be hoped by opponents of fair trade laws that credence will be given to their charges of a purpose of price-fixing in such legislation is that these laws are used in price-fixing endeavors. The only support that exists for the allegations that such legislation will be used to gouge the public is that attempts are made to make such use of fair trade acts.

Among the great variety of rights bestowed by constitutions or not invalidated by such basic laws there is none that is a guaranty that every man is entitled to a living profit from a business of selling goods, whatever the measure of his ability as a merchant. To run a business profitably there must be efficiency in the operation. It is the purpose of fair trade legislation, not to provide a substitute for efficiency, but to protect it against unfair tactics.

This legislation merely confirms a manufacturer's right, deriving from ownership of a brand, to protect his goods against competitive sapping and sniping. If he chooses to make use of this right to gratify his avarice, the public will not support him. If he is forced by his distributors to cater to their greed or to eke out their inabilities, the result is the same—and nobody is the gainer.

Factual evidence shows that articles distributed under fair trade contracts are sold to the public today at prices ranging from 25 percent below the specified minimums to 50 percent above. This does not indicate that fair trade acts "freeze" prices. But, the demands of distributors that a manufacturer's specified minimum price assure them a profit far greater than any they have ever endeavored to get by their own efforts, cannot be anything other than evidence of a desire to "freeze" prices, and at an unnecessarily high level.

Between price-cutting and price-fixing there is an extensive field for selling endeavor. This is a field around which neither actual laws nor the theory of law has erected a barbedwire fence. It is the field in which the digging must be done to discover why the cost of distribution is too high. Price-cutting is not of ultimate benefit to the public. Price-fixing cannot be of benefit when the influence of greed is heavy behind it. Fair trade legislation will never reach its purpose unless its advantages are equitably shared with the public. Otherwise the public, quite early, will have none of it.

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Safety Rules Outlined For Chemical Workers

(Continued from page 5)

hose required indicates the need of an air pump, the air pump should be inspected regularly to see that it is in good working condition; likewise, the steel tiller rope or chain and harness which are to be attached to the body of the operator should be carefully inspected. Thorough instructions and drills in the proper use of such equipment may mean the saving of life and the chemical worker should realize his personal responsibility to rehearse for emergencies. Supervision should see that he does this.

Rehearsals of Emergencies

I should like to emphasize the importance of mental rehearsals of emergencies. By this I mean that every chemical worker should not only experience physical rehearsals, such as safety drills, and life saving, but he should each day at his work imagine emergencies which might arise and mentally rehearse what he would do if something should go wrong. This is very important in the training of the chemical worker and not only does it lead to a broader knowledge and appreciation of his job, resulting in safer and more efficient operations, but often it has a direct bearing upon the creative impulse, resulting in improvements and inventions. I am told that the training in the United States Naval Academy embraces mental rehearsals of emergencies and the cadets quizz each other while on duty as to what they would do in certain emergencies.

As an example, the reply to the question: "What should we do in the case of low water in the boiler?" is, "Haul fire and 'haul freight.'" In other words, draw the fire and make quick escape.

This brings up the point that every man should do all he can to save life and property, and when he has done this, he should save his own life. There is no need of staying longer where he can do no good and may be injured or killed.

Keep Exits Clear

Exits should not be blocked at any time, not even momentarily, in the chemical plant, for the unforeseen may happen at any time, when quick escape may be necessary.

(To be continued)

Drug-Chemical Club Elects

The annual election of officers to serve the Drug and Chemical Club, this city, was held by the board of governors on February 18 in the evening. The result was: President, Joseph A. Huisking, of Charles L. Huisking & Co.; vice-president, Edward J. Sisley, an insurance operator; secretary, J. L. Powell, also an insurance man; and treasurer, A. A. Teeter, of Charles Pfizer & Co. The election was preceded in the afternoon by the club membership voting a board of governors for the ensuing year. To fill the vacancies made by three retiring members, William D. Barry, of the New York office of the Mallinckrodt Chemical Works; H. B. Lamy, jr., and H. W. Rogers were elected.

Bopf-Whittam Corporation, manufacturer of woolfat products, Westfield, N. J., and sales office in this city, has purchased a two-acre tract of land in Elizabeth avenue, Linden, N. J., with railroad siding facilities of more than 400 feet along the main line of the Pennsylvania railroad. Plans are being drawn for the erection of a modern plant.

Tariff Bargaining Opposed by Garvan

WASHINGTON, Feb. 19, 1937.

The senate finance committee today forwarded a favorable report to the senate on the house resolution extending for three years the authority of the President to negotiate reciprocal trade agreements.

Opposition to extending the tariff bargain (reciprocal trade agreement) program was expressed Monday by Francis P. Garvan, of the Chemical Foundation, testifying before the senate finance committee.

Mr. Garvan contended that the negotiation of tariff bargains prevents the establishment of new industries in this country and weeds out industries which are still inefficient because of their newness. He declared that infant industries assume enough risk at present fighting a way for themselves without the uncertainty provided by the government's power to lower or remove tariff protection, and he particularly attacked what he described as a spirit of internationalism growing in this country.

Many witnesses have appeared both for and against the measure, but it is expected that the bill will be passed by the senate without major modifications.

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Painting Progress Told By Leading Contractor

"Progress of the Painting Craft," a study of the economic importance of trade associations, by Gordon P. Marshall, Boston, is the leading feature of the February issue of *National Painters Magazine*. Vocational education, better salesmanship, publicity, cooperation with other industry groups, and stronger craft organization are the objetives emphasized. The paper was presented by Mr. Marshall at his annual address to the convention of the International Society of Master Painters and Decorators, held in San Antonio, Texas, February 9 to 12.

The society at the meeting changed its name to Painting and Decorating Contractors of America; elected Henry Afman of Denver as president to succeed Mr. Marshall, and chose Boston as the place of its 1938 convention. William R. Muirhead, 2d, Bridgeport, P. G. Osborn, San Antonio, and Ben Wickberg, Oklahoma City, were elected vice-presidents, and George S. Stuart, Philadelphia, was named Executive Director.

Importance of selecting proper materials for all types of paint jobs is the theme of two other papers published in the February issue of the magazine. Granville M. Breinig, paint department manager for Pratt & Lambert, Inc., under the title, "A Treatise on Good Painting Practice," discusses developments in wall primers and various types of interior finishes, exterior house paint primers and finish coats, and paints designed for specific purposes, while Carlton H. Rose, of the research laboratories of the National Lead Company, considers the question of uniformity and solidity of paint films and the causes of peeling, blistering, and other failures in a paper entitled "Paint Jobs in the Second and Third Year." Both papers were read at the convention of painting contractors in Connecticut.

Walter Rendell Storey's "Style in Paint" series and John Ehrhardt's "Estimating by Multiples" are continued in the February issue which, from an advertising volume standpoint, is the largest yet published by *National Painters Magazine*.

Full details of the San Antonio meeting of the Painting and Decorating Contractors of America together with outstanding papers there presented will be published in the March issue.

A.D.M.A. to Meet May 3-6

The American Drug Manufacturers Association will hold its twenty-sixth annual meeting May 3 to 6 in Hot Springs, Va. Carson P. Frailey, executive vice president, says that it is not too early to make reservations at the Homestead, and urges that this be done by addressing George Slosson, jr., general manager of the hotel. The rates will be $10 a day for a single room with bath; $9 each for two in a twin-bed room with bath. Parlors are $5 a day.

Breeding & Laboratory Institute has moved from its old address, 567 Third avenue, this city, to 619 Kent avenue, Brooklyn, N. Y. Telephone Evergreen 7-2222.

Heavy Chemicals

General Demand Slower—Copper Derivatives Reflect Advance in Metal Price—Tin Salts Strong—Fluorspar Shortage Acute —Lead Arsenate Higher — Bleaching Powder Firm

In spite of the settlement of the labor strike in the automobile industry, together with improved conditions in the Mississippi and Ohio Valleys, the market for industrial chemicals recorded a slower demand during the week just closed. Explanation of the slower demand was not forthcoming, some sellers being of the opinion that consumers in some instances had previously ordered out supplies beyond actual production requirements. On the other hand, other opinions tended toward the belief that the uncertainty in buying quarters could be traced to pending Washington legislation. Changes in the market included an advance in copper and copper derivatives, lead arsenate, Straits tin and tin crystals.

A sharp advance in quotations for 52-54 percent copper carbonate, and for red and black oxide of copper came about as a result of an increase in the price for copper early in the week. Rise in the copper price could be attributed to higher prices abroad as well as a heavy domestic demand. Lead arsenate prices were advanced late in the previous period. Straits tin moved forward throughout the first half of the week. Fluorspar continued in short supply again last week. Alkalies were moving out in good volume. Bleaching powder was firm. Steel mill operations were higher, and reports from the automobile industry were that production was improved as a result of the temporary settlement of the labor strike. Calcium chloride was firm. Textile and tanning trades continued active, and good reports were heard concerning the paper, glass and ceramic industries.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blue vitriol, 25c. per 100 lbs.
Copper carbonate, ¼c. per lb.
metal, 1c. per lb.
oxide, black, 1½c. per lb.
red, 1c. per lb.
Lead arsenate, 1c. per lb.
Tin crystals, ½c. per lb.
tetrachloride, anhydrous, ½c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.0	**153.9**	**153.9**	**153.3**

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	**99.4**	**99.4**	**99.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—Business in this market continued at an irregular pace during the week. Prices were firm. Exports of aluminum sulphate amounted to 5,881,433 pounds in December, valued at $58,423, of which Canada consumed 4,347,905 pounds; Mexico, 19,959 pounds; Cuba, 7,253 pounds; Argentina, 223,980 pounds; Colombia, 102,545 pounds; Paraguay, 11,000 pounds; Uruguay, 4,391 pounds; China, 924,000 pounds, and Philippine Islands, 240,000 pounds.

Ammonia, Anhydrous. — This market continued to move along at a slow pace. Quotations were unchanged. December exports amounted to 230,064 pounds, valued at $46,125, of which the United Kingdom received 11,200 pounds; Canada, 1,516 pounds; Panama, 6,961 pounds; Mexico, 34,461 pounds; Cuba, 24,288 pounds; Netherland West Indies, 16,090 pounds; Philippine Islands, 20,800 pounds; Union of South Africa, 30,714 pounds, and Liberia, 53,267 pounds.

Ammoniac Sal. — Conditions underwent little change during the course of the week, routine consumers were ordering out fair-sized quantities. Prices ruled unchanged. December imports of ammonium chloride amounted to 1,043,317 pounds, valued at $23,976, of which Belgium shipped 22,046 pounds; Germany, 828,292 pounds; Poland and Danzig, 13,779 pounds, and Canada, 179,200 pounds.

Ammonia Nitrate.—Quiet prevailed in this direction. No change was disclosed in quotations. December imports amounted to 22,318 pounds, valued at $203, the material came from Norway.

Antimony.—The market for antimony metal continued quiet throughout the week. Price held firm at previous levels. Consumers in all quarters of the market were covering for nearby production wants.

Antimony Oxide.—A fairly active call was in evidence for this product again last week, the call came from the ceramic industry and other routine consumers. Quotations were well maintained.

Arsenic. — Prices for white arsenic were firm. December imports totaled 3,174,347 pounds, valued at $65,549, of which Germany shipped 100 pounds; Sweden, 1,315,629 pounds; Canada, 90,368 pounds; Mexico, 1,387,262 pounds; Japan, 156,800 pounds, and Australia, 224,188 pounds.

Barium Salts.—Business was quiet during the week. Prices were steady in the market for chloride, carbonate, hydrate and nitrate. December imports of barium compounds amounted to 74,132 pounds, valued at $3,328, of which Germany shipped 63,020 pounds and United Kingdom, 11,112 pounds.

Bleaching Powder.—A heavy movement continued here, sellers reporting demand continued in excess of supplies. Quotations were unchanged. December imports totaled 170,267 pounds, valued at $2,663, of which Germany shipped 6,615 pounds; Italy, 67,312 pounds, and Japan, 96,340 pounds.

Blue Vitriol.—An advance of 25c. per 100 pounds was made in prices for copper sulphate, reflecting an increase in the price for copper metal.

Calcium Chloride.—A good demand was reported in this direction again last week. No change was disclosed in quotations. December exports totaled 233,383 pounds, valued at $2,426, of which the United Kingdom received 400 pounds; Canada, 100,000 pounds; Panama, 1,486 pounds; Mexico, 72,605 pounds; Cuba, 52,065 pounds; Colombia, 4,060 pounds, and Uruguay, 2,000 pounds.

Cobalt Oxide.—Demand continued fair. December imports amounted to 65,654 pounds, valued at $75,737, of which Belgium shipped 35,000 pounds; Finland, 8,750 pounds; France, 2,240 pounds, and Germany, 19,664 pounds.

Copper.—An advance of 1c. per pound was reported here, the new price being 14c. per pound, the highest price on record since May, 1930. The rise could be traced to a broad domestic demand and higher prices abroad. A Central News London cable stated that it was understood that members of the copper cartel have decided to continue unrestricted primary output of copper for an indefinite period. Previously it had been the belief in trade circles here that when stocks of blister and refined copper had increased to a certain tonnage, production members would automatically revert to the 105 percent of standard tonnages in effect prior to the lifting of all restrictions on primary production outside of the United States. World apparent consumption of copper during January amounted to 182,220 tons, against 162,690 tons in December, a gain of 19,530 tons. Foreign apparent consumption totaled 101,408 tons in January, up 21,127 tons as compared with 80,281 tons in December. Production of copper throughout the world, including primary and smelter output, amounted to 182,550 tons in January against 171,118 tons in December. Of this total primary production totaled 160,976 tons against 148,953 tons in December. Smelter output amounted to 21,574 tons in January against 22,165 tons. Foreign mine and custom smelter production for January amounted to 107,390 tons, an increase of 5,928 tons as compared with 101,462 tons in December. Of this total primary accounted for 98,722 tons, against 88,534 tons up 10,200 tons. Custom smelter production abroad for January totaled 8,668 tons against 12,930 tons in De-

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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PIONEER WASHING SODA
CHURCH & DWIGHT CO.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

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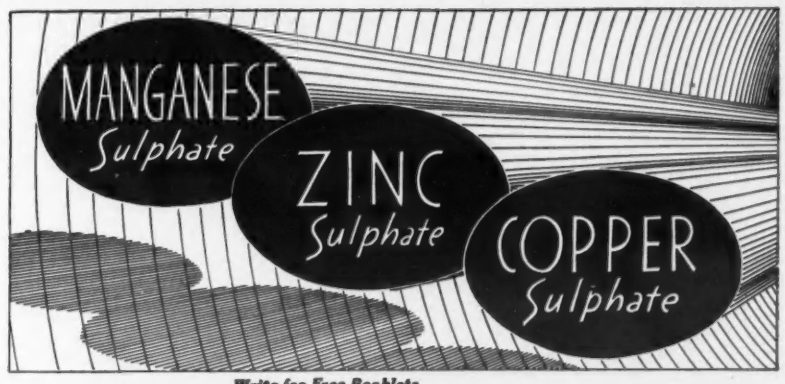

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NICKEL CHLORIDE
NITRITE SODA
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BINOXALATE POTASH
BICARBONATE POTASH
CAUSTIC POTASH
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CARBONATE POTASH
Liquid, Calcinated and Hydrated
PERMANGANATE POTASH
RED PRUSSIATE POTASH
YELLOW PRUSSIATE POTASH
YELLOW PRUSSIATE SODA
SODA ACETATE
SODA ASH
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◆

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Quarterly PRICE LIST — R&H Chemicals

THE R. & H. CHEMICALS DEPT.
E. I. DU PONT DE NEMOURS & CO., INC.
Empire State Bldg., N. Y. C.

cember off 4,262 tons. World refined production for January totaled 164,948 tons compared with 161,220 tons, up 3,728 tons. Foreign refined output totaled 96,851 tons in January, compared with 82,400 tons in December, up 14,451 tons. Of the total stocks of copper on January 31, foreign holdings amounted to 193,677 tons at the end of January, an increase of 1,422 tons as compared with 192,255 tons on hand for this division at the end of the preceding month. Stocks of copper throughout the world totaled 336,051 tons on January 31, off 17,272 tons from the 353,323 tons at the end of December. The importation of copper in various form would be prohibited until the price of copper ore remains at not less than 20 cents per pound for thirty days on the New York market under the terms of bill (H.R. 4799) introduced in the House. Another bill (H.R. 4800) provides for a tax of 9c. per pound on imported copper ores and concentrates, in lieu of the present tax of 4c. per pound.

Copperas.—An active inquiry was reported for this material again last week. Demand was in excess of actual production, bringing about a decidedly strong price tone. Steel ingot production reached 82½ percent of capacity.

Copper Salts.—Quotations for 52-54 percent copper carbonate and for red and black oxides of copper were reported early in the week. Higher prices for these copper derivatives could be attributed directly to an increase in price for copper metal.

Fluorspar.—Demand continued in excess of supplies here. Domestic production had been hampered by the recent floods, together with unfavorable transportation facilities, and the Spanish material has been held back because of the difficulty in securing shipment facilities. Prices were strictly nominal.

Nickel Salt.—Shipments were moving to the plating industry at a good pace throughout the week, for production in the automobile industry showed some improvement by virtue of settlement of the labor unsettlement. Prices were without change.

Potash Carbonate.—A good inquiry was reported for this material again last week. Sellers were holding firmly to previously established levels. December imports amounted to 187,523 pounds, valued at $9,366, of which Germany shipped 109,642 pounds; Lithuania, 44,218 pounds; Netherlands, 33,311 pounds; Hong Kong, 352 pounds.

Potash, Caustic.—Business in this market continued at a good pace throughout the period under review. Prices were well maintained. December imports amounted to 152,957 pounds, valued at $9,382, of which Germany shipped 139,535 pounds and Sweden, 13,422 pounds.

Potash Chlorate.—The match manufacturers continued to order out supplies in a conservative manner. Quotations were steady. December imports of chlorate and perchlorate totaled 713,469 pounds, valued at $37,957, of which France shipped 146,720 pounds; Germany, 520,341 pounds; Sweden, 38,008 pounds, and Switzerland, 8,400 pounds.

Saltcake.—A better buying movement was reported for this article, the glass trade as well as the paper manufacturers were operating at satisfactory production levels. Quotations were unchanged.

Soda Ash.—Business was fairly active at times during the week. Prices unchanged. December exports totaled 9,083,259 pounds, valued at $111,230, of which Australia received 124,242 pounds; Newzealand, 190,120 pounds; Japan, 1,792,000 pounds; Argentine, 1,083,300 pounds; Cuba, 246,430 pounds; Mexico, 3,086,248 pounds; Canada, 329,879 pounds; United Kingdom, 260,650 pounds; Sweden, 82,942 pounds; Philippine Islands, 158,800 pounds, and Netherland India, 212,964 pounds.

Soda Bicarbonate.—A good inquiry was reported here again last week, the call coming from routine consumers. Prices were well maintained. December exports amounted to 1,268,502 pounds, valued at $25,897, of which the Union of South Africa consumed 47,250 pounds; Australia, 1,008 pounds; Colombia, 64,999 pounds; Argentina, 42,000 pounds; Mexico, 168,024 pounds; Costa Rica, 649,147 pounds; Norway, 22,400 pounds, and Belgium, 89,600 pounds.

Soda, Caustic.—This market experienced little change from recent weeks, the call holding up fairly well. Quotations were without change. December exports amounted to 18,503,966 pounds, valued at $342,103, of which Siam purchased 39,660 pounds; Australia, 61,000 pounds; New Zealand, 61,275 pounds, Japan, 4,009,600 pounds; Netherland India, 2,703,056 pounds; China, 1,971,102 pounds; Brazil, 1,272,600 pounds; Argentina, 1,061,300 pounds; Netherland West Indies, 1,452,925 pounds; Mexico, 2,441,555 pounds; Canada, 243,725 pounds; Honduras, 38,500 pounds, and Panama, 25,750 pounds.

Soda Cyanide.—Buying continued at a good pace throughout the week. Prices ruled firm. December exports amounted to 119,395 pounds, valued at $19,744, of which Canada consumed 39,140 pounds; Cuba, 12,960 pounds; Bolivia, 22,214 pounds; Japan, 418 pounds; Philippine Islands, 10,066 pounds, and Union of South Africa, 30,200 pounds.

Soda Phosphate.—A good inquiry was reported for this article last week, prices were unchanged. December exports amounted to 588,476 pounds, valued at $16,466, of which the Union of South Africa, 29,100 pounds; Turkey, 4,480 pounds; Philippine Islands, 1,025 pounds; United Kingdom, 163,920 pounds; Canada, 59,057 pounds; Mexico, 17,506 pounds; Colombia, 4,000 pounds; Peru, 1,950 pounds; British Malaya, 1,612 pounds, and Philippine Islands, 1,025 pounds.

Soda Silicate. — Demand here lacked improvement during the week. Prices were unchanged. December exports amounted to 501,659 pounds, valued at $8,306, of which Canada consumed 72,652 pounds; Cuba, 222,551 pounds; Dominican Republic, 60,726 pounds; Haiti Republic, 11,421 pounds; China, 30,192 pounds; Netherland India, 44,000 pounds, and Peru, 4,562 pounds.

Tin Salts.—An advance in tin crystals was noted in the latter part of the week. Higher price for Straits tin brought an increase in prices for tin crystals. Straits tin was listed at 51c. per pound on Monday; 51.35c. per pound Tuesday, and 51.55c. per pound Wednesday.

Acids

Business in the market for mineral acids continued to be transacted on a conservative scale. The price position of this section of the industrial chemical market was without change, however. Sulphuric acid demand continued to hold favorable, and shipments of chromic acid indicated that the plating trade was broadening operations somewhat as a result of betterment in the automobile industry upon the termination of the labor strike. Oxalic acid demand was good throughout the week. Prices for formic acid remained firm. Another routine week was marked up in the market for battery acid. Prices for lactic acid were unchanged.

Acetic. — A good call was noted for this material during the week just closed. Prices were firm.

Battery. — A fair amount of business was transacted in this direction, routine consumers supplying the call. Quotations were unchanged.

Boric. — There was little to report in this direction, routine shipments against contracts constituted the activity. Prices were well maintained.

Chromic. — Shipments were moving forward at a good pace again last week. No change was uncovered in the quotations.

Formic. — This market offered little change during the course of the week. A steady to firm tone was in evidence.

Lactic.—Shipments were moving forward in good volume during the week. No change was uncovered in quotations.

Muriatic.—Releases against contracts were moving forward at a consistent pace, and prices were well held.

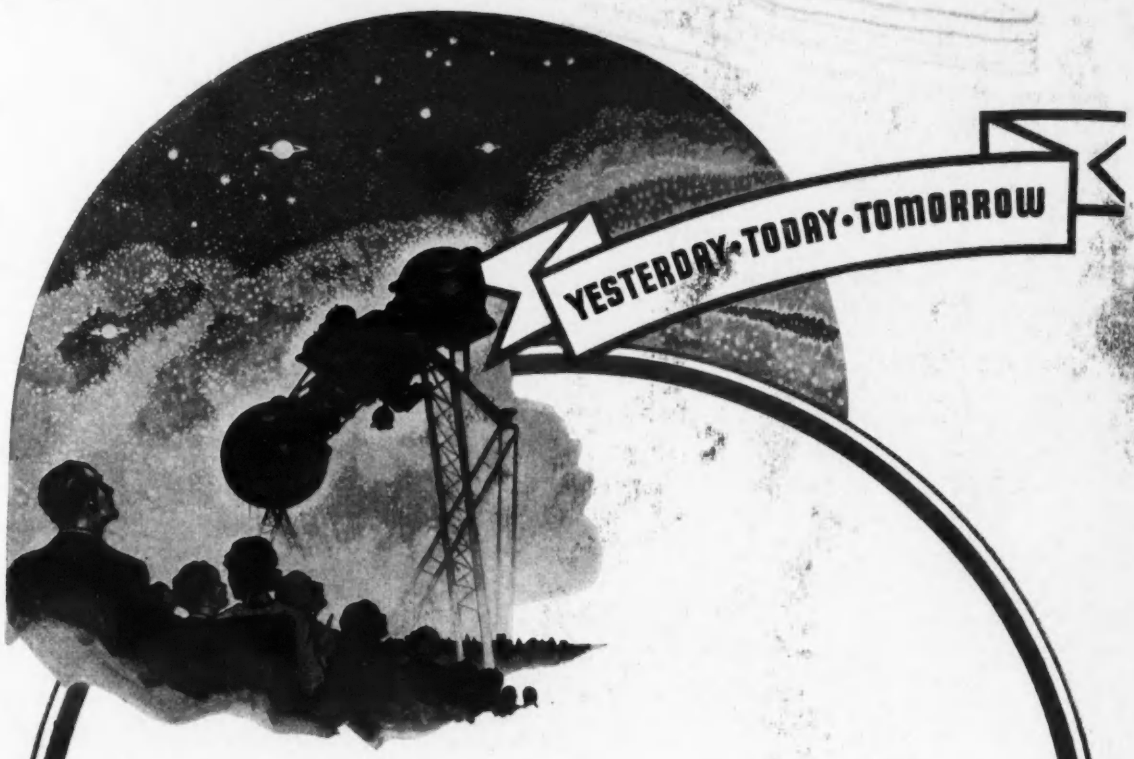
Nitric. — This market presented little change, the volume of business transacted was sufficient to give the market a firm price appearance.

Oxalic. — A good amount of business was transacted for routine account from the laundry and textile trades. Prices were firm.

Sulphuric. — There was a slightly better volume of business in the market last week. Reports from the steel industry told of an improvement in production schedules, and favorable reports continued to be heard concerning the automobile industry as well as the textile and tanning trades. Prices were unchanged.

BALTIMORE, Feb. 17.—With a large part of the business in sulphuric acid, so far as the fertilizer trade is concerned, cared for, it is only natural that quiet should again have settled over the industry, except in so far as some unexpected new consumers should put in their appearance. Even consumers other than the manufacturers of fertilizers have closed contracts with the acid producers for their probable requirements for the year, and with this part of the acid using enterprises out of the market it is only natural that the business should take on an aspect of inactivity except in so far as the operations at producing establishments are concerned. There seems to be no shortage of pyrites ore, while no chance of a deficiency in brimstone ever presented it-

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7



Because the movement of the universe responds to known and inflexible laws, a planetarium can recapture the heavens at any age in Earth's history or accurately forecast the sky of the future. And because Diamond Alkalies, too, are products of exact control, their user can eliminate possible uncertainties of the past and map his future course with assurance, insofar as his alkali ingredients are concerned. Throughout industry Diamond Alkalies are known as products of the highest quality, constantly uniform in strength and purity, and unfailingly dependable in supply.

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DIAMOND ALKALIES

self. The acid producers, therefore, have plenty of raw material on hand. The nominal figures on acid stand at $12 per ton for 60 degree, and at $15 per ton for 66-degree acid, and these quotations are represented as closer to the prices actually realized on contracts than last year. No quotable advance has yet been announced, though such a contingency has been represented as likely in view of the rising cost of raw materials and labor. Oleum is still held at $16.80 per ton for 20 percent stocks.

Insecticides

The market for agricultural insecticides and fungicides was quiet during the week just closed. The market was featured by a firm tone in lead arsenate, the price level for which was raised in the preceding period. There was a slow call for calcium arsenate, and bordeaux mixture continued dull. Nicotine sulphate moved through a week marked by an irregular demand. Reports from Oklahoma, Kansas and Texas told of the dust storms in those areas. A good volume of business of agricultural insecticides and fungicides were said to be on the books for shipment later in the month.

Bordeaux Mixture.—Demand was quiet here during the week. Prices ruled firm.

Calcium Arsenate.—A firm tone prevailed in this direction again last week. No change was disclosed in quotations.

Lead Arsenate.—Business in this market continued good; sellers were quoting the market at the 1c. per pound higher level established in the previous period.

Nicotine Sulphate.—Business here was slow during the week. Prices displayed a steady tone.

MAGNESIUM FLUOSILICATE
CALCIUM FLUOSILICATE
ZINC FLUOSILICATE
FLUORINE PRODUCTS Division of Sterling Products Company Easton, Pa.

Glycerin Statistics: 1936

Statistics covering the domestic production, and stocks as of December 31, as well as imports and exports of crude, dynamite, and refined glycerin in 1936 and 1935 have been released by the Department of Commerce. The figures covering 1936 were preliminary and subject to later revision, but those for 1935 were, apparently, final and were provided by the Bureau of the Census. The figures follow:

	Pounds	
	1936	1935
Crude, 80% basis		
Production	154,009,598	141,184,825
Stocks	9,212,942	8,473,954
Imports	11,148,985	8,220,934
Exports	.....	.....
Refined		
Production	85,386,327	74,704,505
Stocks	13,351,309	14,529,525
Imports	3,447,487	68,366
Exports	1,146,026	3,353,625
Dynamite		
Production	47,535,209	48,685,282
Stocks	11,418,611	14,102,491
Imports	.....	.....
Exports	.....	.....

Foote Mineral Company, Philadelphia, has engaged Charles J. Conroy as a chemist for the company. Mr. Conroy was previously a chemist with the Carpenter Steel Company, which he joined after leaving Gettysburg College.

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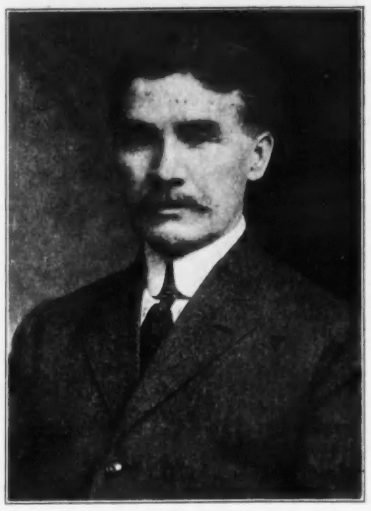
Obituaries

Dr. Edward C. Franklin

Dr. Edward Curtis Franklin, internationally known authority on ammonia gases and liquid air, one of America's outstanding educators and scientists, and former president of the American



Dr. Edward C. Franklin

Chemical Society, died in Palo Alto, Cal., February 13. He was seventy-four years old.

Dr. Franklin was holder of the William H. Nichols medal for 1925.

Born in Geary City, Kansas, Dr. Franklin received his B.S. from the State University in 1888. Later he added degrees from various universities. The first fifteen years following his graduation were spent on the faculty of the University of Kansas as Professor of Physical Chemistry, 1899 to 1903. He was at Stanford University as associate Professor of Organic Chemistry, 1903 to 1906, and Professor from 1906 until his retirement. From 1911 to 1913 he held the titles of Professor of Chemistry and chief of the division of chemistry of the United States Public Health Service. In addition to his university work he served in the sugar industry and in the gold mining industry in Costa Rica.

During the World War he was a colonel in the chemical warfare service, and did much in the development of gas warfare. He was a life member of the Academy of Sciences, an honorary fellow of the Chemical Society, London, and a member of several other scientific groups.

Surviving are his wife, the former Effie June Scott, of Iola, Kansas; a daughter, Mrs. Anna C. Barnett, and a son, John Curtis Franklin.

Benjamin F. Bush

Benjamin Franklin Bush, eminent botanist and known in the United States and Europe as an authority, died in his home in Courtney, Mo., February 14 of pneumonia. He was seventy-nine years old. Mr. Bush, honorary member of the Smithsonian Institution since 1910, was collector of shrubs and plants for Harvard University from 1900 to 1913. In 1898 and 1899 he and the late Charles S. Sargent, former professor of forestry at Harvard, covered thousands of miles in a study of oak trees. He had been postmaster and country storekeeper in Courtney for forty years until his retirement some years ago.

Hugh M. Freer

Hugh M. Freer, vice-president of Standard Brands, Inc., died of a heart attack February 11 in this city. He was sixty-eight years old. Mr. Freer was in charge of traffic, purchasing, equipment, real estate, and construction for Standard Brands. He was formerly director of traffic for the Fleischmann Yeast Company, which in 1929 was merged with Standard Brands. He was a native of Harrisonville, Mo.; began his career as a clerk for the Washington & Baltimore railroad in 1887; became general freight agent of the Baltimore & Ohio railroad; chief clerk and general agent for the Norfolk & Western, and in 1907 traffic manager for the Fleischmann organization. His home was in Basking Ridge, N. J., and surviving are his wife, Mrs. Bessie Bassett Freer; a brother, Paul D. Freer, Baltimore, and a sister, Mrs. Carolina Holland, Washington.

(Continued on page 33)

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

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Five-hundred-twenty-ninth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Acetylphenylhydrazin

Chemical

In organic syntheses

Electrical

Stabilizer (Brit. 423938) for—
Transformer oils

Fats and Oils

Stabilizer (Brit. 423938) for—
Vegetable oils

Fuels

Stabilizer (Brit. 423938) for—
Coal-carbonization spirits

Lubricant

Stabilizer (Brit. 423938) for—
Lubricants
Lubricating oils

Pharmaceutical

Suggested for use as—
Antipyretic

Petroleum

Stabilizer (Brit. 423938) for—
Petroleum oils
Shale oils

Alphabetadiphenylethyl-betaphenylethyl-propylamine

Chemical

Claimed (U.S. 2006114) as—
Substitute for papaverine

2-Anthraquinonylbeta-9-carbazolylethyl Sulphide

Chemical

Intermediate (Brit. 444262 and 444501) in—
Organic syntheses

Pharmaceutical

Claimed (Brit. 444262 and 444501) to have—
Value for pharmaceutical purposes

Rubber

Accelerator (Brit. 444262 and 444501) in—
Vulcanizing

Betaoctadecylsulphoxy-ethylthioglycollic Acid

Chemical

Intermediate (Brit. 444262 and 444501) in—
Organic syntheses

Insecticide

Insecticide (Brit. 444262 and 444501) for—
Animal pests
Vegetable pests

Textile

As a dyestuff (when employing suitable initial materials) (Brit. 444262 and 444501)
Assistant (Brit. 444262 and 444501) in—
Textile processing

Betaparatoluenesulphonyl-ethylthioglycollic Acid

Chemical

Intermediate (Brit. 444262 and 444501) in—
Organic syntheses

Insecticide

Insecticide (Brit. 444262 and 444501) for—
Animal pests
Vegetable pests

Textile

As a dyestuff (when employing suitable initial materials) (Brit. 444262 and 444501)
Assistant (Brit. 444262 and 444501) in—
Textile processing

Bis(beta-9-carbazolyl-ethylthiol)ethane

Chemical

Intermediate (Brit. 444262 and 444501) in—
Organic syntheses

Pharmaceutical

Claimed (Brit. 444262 and 444501) to have—
Value for pharmaceutical purposes

Rubber

Accelerator (Brit. 444262 and 444501) in—
Vulcanizing

Bromosuccinic Acid Tetradecylester

Soap

Starting point (Brit. 403883) in making—
Saponaceous products by reaction with amines such as anilin, piperidin bases, hydroxyethylanilin, dihydroxyethylanilin, paratoluidin (these products may be used alone or with other soaps, fillers, or compounds giving off oxygen)

Cobalt Betabenzoyl-propionate

Plastics

Starting point (U.S. 2001380) in making—
Films

Dibetaparatoluenesulphonyldiethyl Sulphide

Chemical

Intermediate (Brit. 444262 and 444501) in—
Organic syntheses

Insecticide

Insecticide (Brit. 444262 and 444501) for—
Animal pests
Vegetable pests

Textile

As a dyestuff (when employing suitable initial materials) (Brit. 444262 and 444501)
Assistant (Brit. 444262 and 444501) in—
Textile processing

4:6-Dichlor-3-amino-benzotrifluoride-2-sulphonic Acid

Dye

Intermediate (Brit. 446532) in making dyestuffs

Ethylbetabutoxyethyl Sebacate

Ceramic

Plasticizer (U.S. 1991391) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Solvent and plasticizer (U.S. 1991391) for—
Cellulose esters and ethers

Cosmetic

Plasticizer (U.S. 1991391) in—
Nail enamels and lacquers containing cellulose esters as a base material

Electrical

Plasticizer (U.S. 1991391) in—
Insulating compositions, containing cellulose esters, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 1991391) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

Plasticizer (U.S. 1991391) in—
Adhesives compositions containing cellulose esters or ethers

Leather

Plasticizer (U.S. 1991391) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metallurgical

Plasticizer (U.S. 1991391) in—
Compositions, containing cellulose esters and ethers, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 1991391) in—
Coating compositions, containing cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Plasticizer (U.S. 1991391) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose esters or ethers

Paper

Plasticizer (U.S. 1991391) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting products made of paper or pulp

Plastics

Plasticizer (U.S. 1991391) in making—
Laminated fiber products
Molded products
Plastics from or containing cellulose esters or ethers

Resins

Plasticizer (U.S. 1991391) in making—
Artificial resins from or containing cellulose esters or ethers

Rubber

Plasticizer (U.S. 1991391) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Photographic

Plasticizer (U.S. 1991391) in making—
Films from cellulose esters or ethers

Stone

Plasticizer (U.S. 1991391) in—
Compositions, containing cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 1991391) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated fabrics

Woodworking

Plasticizer (U.S. 1991391) in—
Compositions, containing cellulose esters or ethers, used as protective and decorative coatings on woodwork

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Ethylbetaparatoluenesulphonylethyl Sulphide

Chemical

Intermediate (Brit. 444262 and 444501) in—
Organic syntheses

Insecticide

Insecticide (Brit. 444262 and 444501) for—
Animal pests
Vegetable pests

Textile

As a dyestuff (when employing suitable initial materials) (Brit. 444262 and 444501)
Assistant (Brit. 444262 and 444501) in—
Textile processing

Methylbetaphenoxyethyl-lauramide

Chemical

Starting point (Brit. 443902) in making—
Sulphonated sodium salts, stable to calcium chloride and acids, which are used as scouring agents for raw wool

---

Methylbetaphenoxyethyl-stearamide

Chemical

Starting point (Brit. 443902) in making—
Sulphonated sodium salts, stable to calcium chloride and acids, which are used as scouring agents for raw wool

---

Parachlorometacresol

Insecticide and Fungicide

Fungicide for—
Mildew growth
Inhibitor of—
Mildew growth

Paint and Varnish

Sterilizer for treating—
Mildewed paint surfaces prior to repainting—

Paratolylbetaparatoluenesulphonylethyl Sulphide

Chemical

Intermediate (Brit. 444262 and 444501) in—
Organic syntheses

Insecticide

Insecticide (Brit. 444262 and 444501) for—
Animal pests
Vegetable pests

Textile

As a dyestuff (when employing suitable initial materials) (Brit. 444262 and 444501)
Assistant (Brit. 444262 and 444501) in—
Textile processing

2:3-Phthaloyl-6-methyl-carbazole

Textile

As a vat dye (Brit. 443958 and 443959)

Sodium Dicresoldithio-phosphate

Metallurgical

Collector in—
Ore concentrating by flotation processes

Sodium Diethyldithio-phosphate

Metallurgical

Collector in—
Ore concentrating by flotation processes

Tin Betabenzoylpropionate

Plastics

Starting point (U.S. 2001380) in making—
Films

CHEMICALS

Barrett
COAL-TAR
CHEMICALS

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AMMONIA LIQUOR
ANHYDROUS AMMONIA
BARRETAN*
BENZOL
CRESOLS
U. S. P., Meta Para, Ortho
Special Fractions
CRESYLIC ACID
Straw Color and Dark
CUMAR*
Paracoumarone-indene Resin
FLOTATION OILS and REAGENTS
HI-FLASH NAPHTHA
HYDROCARBON OIL
NAPHTHALENE
Crude, Refined Chipped, Flake and Ball
PHENOL (Natural)
U. S. P. 39.5° M. Pt. and 40° M. Pt.
Technical 39° M. Pt.
Technical 82-84% and 90-92%
PICKLING INHIBITORS
PICOLINES
PYRIDINE
Refined, Denaturing and Commercial
QUINOLINES
RUBBER SOFTENERS
SHINGLE STAIN OIL
SOLVENT NAPHTHA
SPECIAL HEAVY OIL
TAR ACID OILS
TOLUOL
XYLENOLS
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BARRETT

Coaltar Chemicals

Benzol in Better Demand — Cresylic Acid Shortage Unrelieved —Crude Naphthalene Active—Good Call for Toluol—Creosote Oil Quiet — Phthalic Anhydride Firm — Colors Steady

The market for coaltar chemicals continued active during the week just closed. Shipments against contracts were for full allotments of cresol, cresylic acid, benzol, naphthalene and toluol. The substantial contract movement caused a firm tone in the market.

Crude naphthalene was more active last week, reflecting the near approach of the active season for refiners. Reports from abroad continued to tell of the limited amount on hand, and it was the general belief that domestic production of crude naphthalene in 1937 would be the largest in years. The situation in cresylic acid was unchanged, in that demand continued in excess of supplies. Buying of cresol was good. Toluol demand showed a slight broadening, reflecting settlement of the labor strike in the automobile industry. Demand for toluol was said to have approached current production levels. Solvent naphtha and xylol continued firm. Phenol demand was good. There was a slight broadening in the call for benzol, but the price position of the market was unchanged. Creosote oil continued quiet. A firm tone governed the market for intermediates, sellers reporting a good call for phthalic anhydride, beta-naphthol and anilin oil. Colors moved out in fair volume.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
123.1	123.1	123.1	125.4

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Business continued at a satisfactory pace throughout the week just closed. Manufacturing consumers were reported covering for nearby production requirements. Prices ruled firm. Steel mill opeations were estimated at 81.6 percent of capacity, against 80.6 percent, according to the American Iron and Steel Institute. A month ago operations were at 80.6 percent of capacity, and a year ago at 51.7 percent. This rate of operations represents the highest point to be recorded since the American Iron and Steel began publishing weekly operating rate of steel industry. December exports amounted to 2,525,540 gallons, valued at $334,085, of which Belgium purchased 1,498,376 gallons; France, 989,197 gallons; Canada, 10,098 gallons; Cuba, 9,977 gallons; Argentina, 17,543 gallons, and Chile, 266 gallons. Consumption of crude rubber by manufacturers in the United States for January is estimated to be 48,744 long tons, which compares with 49,626 long tons for December. January consumption shows a decrease of 1.8 percent under December and is less than 1 percent above January a year ago, according to the Rubber Manufacturers' Association.

Cresol. — Demand continued good throughout the week, the call said to be equivalent to production. Prices were decidedly firm.

Creosote Oil.—Business here showed little betterment during the week, the volume however was sufficiently large to give the market a steady price appearance. December exports amounted to 23,639 gallons, valued at $5,953, of which Cuba consumed 10,260 gallons; Mexico, 8,224 gallons; Haiti Republic, 500 gallons, and Canada, 3,969 gallons. December imports amounted to 7,327,787 gallons, valued at $806,409, of which Belgium shipped 1,981,848 gallons; United Kingdom, 4,320,972 gallons; Canada, 78,467 gallons, and Japan, 946,500 gallons.

Cresylic Acid.—This market continued to note a strong price tone. The call from the synthetic resin industry and other routine consumers was heavy. December imports amounted to 156,262 gallons, valued at $83,025, of which Germany shipped 19,578 gallons and United Kingdom, 136,684 gallons.

Naphthalene.—A better buying movement was in evidence in this direction, with sellers reporting the market was hovering the $3.05 per 100 pound level. December imports amounted to 3,653,-397 pounds, valued at $81,122, of which Belgium shipped 446,567 pounds; Czechoslovakia, 435,360 pounds; Germany, 220,460 pounds; Netherlands, 132,-284 pounds; Poland and Danzig, 332,453 pounds; Russia, 331,770 pounds, and United Kingdom, 1,754,503 pounds.

Phenol.—A good amount of business was transacted in this direction, the call coming from the synthetic resin industry, pharmaceutical trade and other routine consumers, and a steady to firm price tone continued in evidence.

Solvent Naphtha.—The market for industrial water white solvent naphtha was firm during the week. Shipments were moving forward at a good pace. The call for high flash naphtha was fair. No change was disclosed in quotations.

Toluol.—A slightly better demand was reported for this article again last week. Reports from the automobile industry were more optimistic, reflecting the settlement of the labor difficulties.

Xylol.—A firm tone continued in prominence in this market, shipments were of good volume.

Chicago Coaltar Bases

CHICAGO, Feb. 18.—Demand for most grades of coaltar bases is holding on fairly well. Toluol has slowed up to some extent, although prices are unchanged on this and virtually all other principal products in this general market. Inquiries are fairly active. Ruling prices of representative sellers exclusive of tax are:—Benzol, 90 percent, 16c. to 17. per gallon; motor benzol, 10c. to 11c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 13c.

Coaltar Acids

Anthranilic.—Demand was fairly good here during the week. Prices remained firm.

Broenner's.—There was little to report in this direction, demand being dull, but prices ruled unchanged.

Cleve's.—Shipments were moving out few and far between throughout the week under survey. The price position of the market was unchanged, a firm tone being in evidence.

Nevile-Winther's.—Little activity was in evidence in this direction again last week, usual buyers covering for immediate production wants only, but no change was uncovered in quotations.

Salicylic.—A good volume of business was reported in this market last week, the dealings being featured by a decidedly firm tone.

Sulphanilic.—This market was much the same as in the preceding period. Prices were firm, although demand was dull.

Tobias.—Nothing important developed in this direction, demand was routine and prices unchanged.

Other Intermediates

Anilin Oil.—A good demand was reported here throughout the week. Prices were decidedly firm.

Betanaphthol.—A broad buying movement was reported for this material again last week. Shipments were moving out against contracts at a pace indicative of high production schedules in consuming quarters. A firm tone was in prominence.

Dimethylanilin. — Quiet prevailed in this market, routine consumers covering when needs became urgent. Prices were firm.

Dinitrotoluene.—A good inquiry was reported for this article at times during the week. No change was disclosed in quotations.

Monochlorobenzene. — Although the market was a rather quiet affair, con-

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

servative quantities made up the call, and prices were steady to firm.

Orthocresol.—An active call was reported for this material again last week; prices displayed a strong tone.

Orthotoluidin.—Shipments were of moderate volume again last week, users covering when needs became urgent, but sellers reported a firm tone was in evidence.

Phthalic Anhydride.—A good call continued here, shipments were moving against contracts at a consistent pace. A firm tone was noted.

Schaeffer's Salt.—This market was a rather dull affair again last week, but a steady to firm tone governed the dealings.

Xylidin.—Usual consumers furnished what little activity was in evidence in this market. Prices were without change.

Coaltar Colors

Business in the market for coaltar colors continued irregular during the week just closed. Manufacturing consumers on all sides appeared to be purchasing supplies in a conservative manner, but the relatively high production schedules in some consuming units resulted in a favorable movement of colors at times during the week. Prices generally were steady to firm. The New York Cotton Exchange Service stated that the domestic cotton mill situation is still highly favorable although sales last week were said to have been less than current production. The falling off in mill sales have been due partly to offerings by second hands and partly to the fact that many mills are booked ahead so solidly that they cannot take any more new business. The lighter shades continued to predominate the movement of stocks last week. Dyes used in stains were in better demand last week.

"Chemist," under section 1350 of the education law of the State, would mean—it is proposed in a bill by Senator Twomey—"any person holding the degree of B. S. in chemistry, or who has been employed as a chemist in the manufacture of drugs or medicines for a period of at least five years prior to the taking effect of this act."

Obituaries

(Continued from page 30)

Dr. Lamartine G. Hardman

Dr. Lamartine Griffin Hardman, physician and former Governor of Georgia, died of heart disease February 18 in Atlanta. He was eighty years old. Dr. Hardman was president of the Hardman Drug Company, the Harmony Grove Cotton Mills, and numerous other companies; a trustee of the Georgia State College of Agriculture and Mechanic Arts; a member of the American Medical Association, the Southern Medical Association and other medical organizations. Surviving are his wife, Mrs. Emma G. Hardman; a son, Lamartine Griffin Hardman, and three daughters, Misses Josephine, Sue and Emma.

Dr. Geoffrey M. James

Dr. Goeffrey M. James, former assistant professor of chemistry at the University of Pennsylvania, and widely known for his research in the electrochemistry of solutions, died February 17 in Philadelphia, of injuries sustained in an automobile accident. He was forty-five years old. Dr. James and his wife had planned to sail February 19 for Bombay, India, where he was to have joined his father and brother in establishing a dry ice and ice cream plant and brewery. He was born in London, was a captain in British Army aviation service during the World War; was wounded and came to this country in 1915. Surviving are his wife; a daugher, Miss Betty James; a son, Neil Seton James and his parents.

Dr. Duncan S. Johnson

Dr. Duncan Starr Johnson, professor of botany and director of the botany laboratory at Johns Hopkins University, and a member of the faculty since 1898, died in Baltimore, February 16. He was sixty-nine years old. Born in Cromwell, Conn., Dr. Johnson went to Yale University; received B. S. and D. S. degrees from Wesleyan University; a Ph.D. degree from Johns Hopkins, and did post graduate work at the University of Munich. He began his career with Johns Hopkins as assistant in botany and was made associate professor in 1901. He led many field expeditions into the West Indies and Latin America, six of these being into Jamaica. He was a member of many organizations and a fellow of the American Association for the Advancement of Science. He married Mary E. G. Lentz, of Baltimore, and they had two children, George Duncan Johnson and David Starr Johnson.

Jonas M. Lautmann

Jonas M. Lautmann, father of Dr. A. J. Lautmann, president of the Iodent Chemical Company, Detroit, Mich., died in St. Petersburg, Fla., February 10. He was in his seventy-ninth year. Mr. Lautmann had been proprietor of a large department store in Hammond, Indiana, for a number of years before his retirement about 1920.

Edward M. Sexton

Edward M. Sexton, railroad sales manager of the Air Reduction Sales Company, died February 15 in Roosevelt hospital, this city, after a month's illness. He was fifty-six years old. Mr. Sexton was born on Staten Island. Previous to his connection with the Air Reduction Sales Company he was in the sales department of Holt & Co., flour merchant, and the Western Electric Company, which he represented in Chicago and Denver. His home was in this city, and surviving are three sisters, Miss Anna Sexton, Miss Ethel Sexton, and Mrs. Nathaniel Marsh.

Thomas J. Thompson

Thomas James Thompson, former director and Chicago general sales manager for the Standard Oil Company of Indiana, died in his home in Chicago February 14. He was seventy-four years old. Mr. Thompson started forty-six years of service with the Standard company in 1883 as a dray driver in Grand Rapids, Mich. The following year he was promoted to a tankwagon, and then was started on a long series of promotions. In 1920 he was appointed general manager of the sales department, and in 1922 a director of the company. He retired at his own request in 1926. Surviving are his wife; a son, Leroy J. Thompson, Standard Oil division manager at Grand Rapids; and three daughters.

Stephen D. Deshazor, president of the Delta Oil Company, and vice-president of the Hopewell Terminal Company, died in his home in Petersburg, Va., February 14. He was sixty-nine years old.

R. G. Fuller, president of the Gulfport Fertilizer Company, Gulfport, Miss., and secretary-treasurer of the Laurel Oil & Fertilizer Company, Laurel, Miss., died February 10. Mr. Fuller had been active in the work of the National Fertilizer Association and was a past grand master of the Grand Commandery of Mississippi, Knights Templar.

Mrs. Hattibel Cook Howard, wife of Otis McG. Howard, editor of *Paint, Oil & Chemical Review,* Chicago, died of a heart attack on February 16, in her home in that city. Mrs. Howard had been in comparatively good health, and with her husband, had spent the evening visiting friends. She was stricken on her return home. She was a native of Chicago and had a wide acquaintance in the paint industry with which her husband has been long associated. Surviving, besides her husband, is a son, Douglas McReynolds Howard.

Edward H. Leerone, staff chemist at the Eldorado gold mines plant, died in Porthope, Ont., February 17, of pneumonia. He was forty-two years old.

Mrs. Harriet M. Lyon, mother of Leeland Lyon, president of the Atlas Powder Company, died February 11, at the home of her son-in-law and daughter, Mr. and Mrs. Rolla W. Wheaton, in Union, N. J.

William C. Proctor, retired vice-president and treasurer of the Magnolia Petroleum Company, died in his home in Dallas, Texas, February 18. He was seventy years old. Mr. Proctor was born in Pennsylvania; went to Corsicana, Texas, in 1898 with the J. S. Cullinan Company and remained with it and its successors until his retirement in 1932. Surviving are his wife, Mrs. Martha Stewart Proctor, and two sisters, Mrs. Ralph Mitchell, and Mrs. George Fleming.

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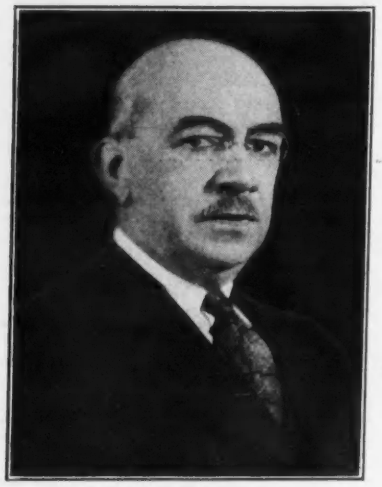
F.W.D.A. Has Open Stabilization Forum

(Continued from page 3)

spread but loudly voiced demand by retailer groups that manufacturers, in specifying minimum resale prices in contracts under State fair trade acts, set these prices at a level which will afford the retailer a gross profit of 33⅓ percent on sales. This matter was presented by Mr. Williamson. It was commented on also by J. L. Norton, of the Lambert Pharmacal Company; T. E. Hicks, of the Modess Corporation; Horace Thomas, of the Eastman Kodak Company; Earl A. Means, of the Bristol-Myers Company; and Harry Z. Krupp, of the Philadelphia Wholesale Drug Company, a former president of the association.

Margin of Profit

The consensus was that a demand for an immediate jump from no profit to one of 33⅓ percent on articles frequently used as "loss leaders" and always among those employed in price competition was unreasonable and unwise, and that such a jump was impracticable and unnecessarily jeopardized public acceptance and goodwill. Mr. Norton, reciting some of the experiences of his company, favored the working out of a sound basis with a certain flexibility that would fit conditions as improvement was made. Mr. Hicks held a different view, arguing that the neighborhood druggist should compete in price with the downtown seller. He urged that retailers be taught to apply bookkeeping methods which would show them the wisdom of getting volume of sales on fast-moving items and handling these at a smaller margin than they applied to slow movers. He told how his company was gradually raising its specified minimum price.



R. E. Lee Williamson
F.W.D.A. Secretary

Mr. Thomas said that the Eastman company had no quarrel with its customers' desire for a satisfactory profit and had had no experience with dissatisfaction. Mr. Means said that he had not run across any demand for a profit of 33⅓ percent except some time ago in Iowa, where the movement had not been successful. On the contrary, he had been told by leaders of the retail trade that all they desired was a profit of from 15 to 25 percent. He had had no complaints about his prices which were on the 15-percent basis.

Mr. Means, declaring that the fair trade act was an established measure and that enactment of this legislation by many States was a foregone conclusion, said that the making of contracts such as these acts permit would be found inevitable by manufacturers. He urged that some means be found to correct the tendency of certain retailer groups to insist that these contracts include terms with which no manufacturer could comply. His company, he explained, had not made contracts under the Illinois law because it could not accept the terms certain groups had insisted upon (a commentary on some of these requirements will be found elsewhere in this issue). He urged that wholesalers had a duty to see that retailers were fair in their designation of contractual terms. He had faith in the effectiveness of fair trade acts, saying that, with national distribution, compliance with specified minimums could be expected to be 60 percent at least.

Mr. Krupp made a plea for better relations between manufacturers and retailers, and asked that the latter and their wholesale distributors endeavor to educate retailers that such demands as that for a minimum profit of 33⅓ percent were unreasonable.

It was his belief that manufacturers should endeavor to enable retailers to buy more cheaply rather than try to help them to get higher prices from the public. He urged that endeavors be directed to showing the retailer what he makes in dollars and cents in handling an article, instead of dealing in largely meaningless percentages. He asked that the quantities on which a better price could be got be not made prohibitively large.

Mr. Williamson summed up the situation as one that called for patience and gradual, full and earnest acceptance of the opportunities presented by the spread of fair trade legislation. To demand too much in profits at the expense of the public would, he said, be disastrous, and all should strive to educate retailers to the importance of the cost of handling an article as a factor in determining a fair margin of gross profit.

Consignments and Factoring

Presenting the second and third topics for discussion Mr. Williamson took up the terms of manufacturers' contracts in consigning goods to wholesalers or in giving the latter the status of del credere factors or agents. He declared that it was unnecessary to impose burdensome details of record-keeping and reports. Such things as these and as the requirement that goods on consignment he kept in a special storage space added to the cost of distribution without increasing the effectiveness of a stabilization method. If a wholesaler deserves recognition as an agent, he said, that wholesaler is deserving of confidence in his honest performance of his duties. There is no need to tie him up with miles of red tape. No. F.W.D.A. member, he declared, would resort to subterfuge to defeat the purpose of a consignment or factor plan.

Earl A. Means said that the del credere plan was contrary to the Patman act's provisions, because a manufacturer had two prices—one in selling direct, the other in sales by his agent. He declared that contracts under fair trade acts wholly replaced del credere relations and at the same time were in conformity with the Patman act. This brought forth the remark from several persons that there was no longer any big reason to bother about del credere and similar plans of selected distribution. O. J. Cloughly, of the St. Louis Wholesale Drug Company, said that cooperative wholesalers had accepted these plans, in spite of unwarranted, costly and burdensome provisions, because they offered some measure of relief from the tribulations of the retail druggist. He said that the Proprietary Association should formulate a model contract for use under fair trade acts.

Mr. Means said that a model had been prepared, in anticipation of the enactment of the Tydings-Miller bill by Congress, and that it was the purpose of the National Association of Retail Druggists to offer this means for manufacturers to take advantage of all State fair trade acts. The contract, he explained, would do only what the law authorizes —specify a minimum resale price—and would assure equitable treatment for all wholesalers. Mr. Means and Mr. Williamson, in reply to several questions, explained how the proposed Federal law would give an exemption from anti-trust law provisions, and said that State fair trade acts similarly modified the anti-trust laws of the respective States so that contracts for specified prices could be legally made.

Omnibus Contracts

In the light of the decision by the Supreme Court of the United States that State fair trade acts were basically directed to the rights of the owner in a trademark or other brand, it was the opinion of Mr. Means that omnibus contracts made by wholesalers under such acts and covering the goods of various manufacturers, not all of whom were making direct contracts, were not valid. He pointed out that, if the wholesaler is a manufacturer's agent, such a contract would be by the manufacturer who had rights in the matter, otherwise there was no right of ownership involved. He advised that suits be not brought under omnibus contracts because of the possibility of adverse decisions which would give the whole principle a black eye.

Mr. Norton said that the California courts had upheld the omnibus contract. Mr. Means believed that this was only when the manufacturers, whose goods were involved, had formally approved the contract. Mr. Norton was not of the opinion that such a limitation had been imposed, but he felt that the weight of legal opinion was that only the owner of a brand had the contractual right. It was felt that the enactment of the Tydings bill would simplify this matter.

Mr. Means told of a new subterfuge he had run into. A retailer would sell contractual goods at the specified minimum price, but would offer to buy back the empty bottle or box or other container for 5 cents or 10 cents. The retailer contended that he had legal advice that he was not prohibited from this type of junk-buying, but Mr. Means felt that this subterfuge would not be a valid defense in court.

Factors' Deposits

Mr. Williamson stated a ground of complaint by wholesalers in the requiring of disproportionately large cash deposits from factors or agents. This matter was not discussed. The feeling persisted that the need for factor relationships was passing as fair trade legislation spread.

In reply to a question by Mr. McDonough, C. S. Beardsley, of the Dr. Miles Laboratories, said that under its stabilization plan his company required no deposit by a wholesaler, the plan being purely one of consignment. All wholesalers like it, he declared, even though they are required to make detailed reports of sales and to identify the Miles articles on their invoices to retailers.

The Miles company, he explained, believed it necessary to follow the proceeds of each transaction to the retailer in accordance with the dictum of the supreme court in the General Electric case. The details required afforded valuable information and had never been called burdensome. (Mr. Williamson interpolated that the company gives additional compensation of 3 percent for this service.)

Replying to another question, Mr. Beardsley said that it was found necessary "every day in the week" to remove some dealer from the accepted list. These removals were not always permanent, but he did not explain the manner in which a name was restored.

A Plan That Works

Practical working and satisfactory results were reported by Walter Quinlan, of the International Cellucotton Products Company, for that company's price-stabilization plan. This is a del credere plan, and Mr. Quinlan said that the company's attorneys has advised that it did not conflict with the Patman act, because the wholesale agent merely conveys title in the goods to the retailer but never possesses this title. Furthermore the difference in prices or terms between direct sales and those made through a factor can be justified.

With respect to legality of operating through factors in various States, Mr. Quinlan explained that the factors pay all taxes and similar charges in accordance with their contract.

The company has a quota of $700 worth in six months, contracted for in advance, for direct sales. It allows 5 percent on this contract, the allowance being made on each shipment. The dealer is required to accept that part of the quota not ordered out by the end of the period, and the 5 percent allowance for special, continuous display is not made if the full quota is not taken.

Advertising allowances are equitably offered on a scale of so much lineage in proportion to the volume of purchases. The advertising by downtown dealers is regarded as a good stimulant of sales by neighborhood stores. The advertising allowance is denied if the goods have been offered at less than the minimum specified price.

Goods bought direct under the special terms must be sold only to the public and not distributed among members of a "club" or other group. A dealer who violates the terms is cut off the dealer list and if restored at all is placed on the basis of a del credere agent.

Greetings from the National Wholesale Druggists Association were presented by E. L. Newcomb, secretary; A. Kiefer Mayer, chairman of the board of control; and Charles A. Loring, former chairman. The tenor of their messages was that all wholesalers have the same problem of creating legal and economically sound methods of stabilized distribution. Mr. Loring particularly urged the dropping of the habit of "selling discounts" and getting rid of inferiority complexes.

Frank A. Blair, president of the Proprietary Association, told of the intimate interest that manufacturers must have in the problems of their distributors and in the solution of these problems. He referred to the lack of agreement on all these questions, mentioning the influence of the "drug trust" decree, but expressed the hope and belief that greater improvement was in sight.

Mr. Blair called attention to the status of the Copeland food, drugs and cosmetics bill in Congress, and to the movement for State laws, manifested by the Esquirol-Holley bill in the New York legislature and bills of unnecessary stringency that had been introduced in Texas and Washington.

Ray Whidden, of Bauer & Black, gave a brief description of conditions in the wholesale trade trucking strike on the Pacific Coast. L. E. Seiberlich, president of the association, told at length of negotiations with labor unionizers that had been necessary in Minneapolis. He urged that careful thought be given to hours and wages especially in the lower classifications where unionizing efforts are chiefly applied. He declared that it was not right to pay as little as $9.50 a week and told of the demands of the unions for a minimum of $24.50, with pay of $18 for beginners. Mr. Means expressed the belief that the wage and hour problem was at most geographical, if not individual.

F. J. McDonough
Chairman of Open Session

Men, more than methods, are the key to fair, stabilized business processes, said Hugh Craig, managing editor of the OIL, PAINT AND DRUG REPORTER. He commended the honest and firm efforts reported by Mr. Quinlan and, telling that a recent survey had shown that a contractual article was being sold in one city at from 25 percent below the specified minimum price to 50 percent above, he urged that all direct their efforts to the better development of honest purpose on the part of all. Evasions were not unknown in the old days before price contracts had been outlawed, he said; evasions must be expected, but they can be reduced to a minimum.

Ethyl Gasoline Corp. Probe Asked in House

WASHINGTON, Feb. 17, 1937.

A resolution calling for the creation of a special committee of the House of Representatives to investigate the Ethyl Gasoline Corporation has been introduced by Representative Martin J. Kennedy of New York.

The committee would be authorized to investigate the business practices, contracts, dealings, licenses, arrangements, and all activities of the corporation in relation to a patent on ethyl gasoline and all matters pertaining to polymerization, directly or indirectly affecting interstate commerce, national defense, or fair trade practices, and also to investigate gasoline patent pools and oil company agreements designed to fix prices. The preamble of the resolution states that the Ethyl Gasoline Corporation and a number of major oil companies are associated in a patent pool to control oil cracking patents and the polymerization process, tending to constitute a monopoly injurious to other oil companies, to consumers, and to the national defense.

Jamestown Petroleum Club has elected the following officers for the current year:—President, Glenn M. Jobes; vice-president, Fred O. Engwall; treasurer, Ernest S. Olofson, and secretary, Lucian J. Warren.

Dyestuffs and Textile And Leather Chemicals

Further Advance in Zinc Dust—Myrobalans Lower—Valonia Beards Higher—Wattle Bark and Sumac Down—Pending Washington Legislation Slows Demand for Imported Egg Products

Demand in the market for dyestuffs and tanstuffs continued irregular throughout the week just closed. The volume of business, however, showed a marked improvement over the same period a year ago. It was quite evident consumers continued to purchase for nearby requirements only. Changes in the market included an advance in valonia beards and zinc dust and a lowering of prices for myrobalans, yellow potash prussiate, sumac and wattle bark.

Farm organizations in general and particularly the poultry group are backing a drive to secure legislation during the present Congress to impose excise taxes on the importation of dry and frozen egg products. A number of bills calling for various rates of taxes already have been introduced and referred to the committee on ways and means. One of these would completely prohibit the importation of dried or frozen eggs or products, but the farm organizations are supporting several bills which call for the following rates of taxes:—Dried egg yolk, 15c. or 20c. per pound; dried whole eggs, 25c. per pound; dried egg albumen, 55c. or 60c. per pound; egg yolks, frozen or otherwise preserved, other than by drying, 5c. per pound; frozen whole eggs, 1c. per pound. Zinc dust was higher by reason of a rise in price for the metal. Quebracho continued good demand. Valonia was higher, for stocks were not too plentiful. Alumina chloride continued steady. Bichromates were firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Valonia, beards, $3 per ton.
Zinc dust, 40 points.

Reduced

Myrobalans, J1, $1 per ton.
Potash prussiate, yellow, 1c. per lb.
Sumac, ground, $3 per ton.
Wattle bark, 25c. per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.8	152.9	152.8	152.1

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—Business was fair throughout the week just closed, the call coming from routine consumers. Prices were well held.

Antimony Salt.—Although demand was slow again last week, buyers in all quarters of the market being inclined to purchase for immediate production wants only, sellers reported prices were firm at previous levels.

Potash Bichromate.—A good volume of business was transacted in this direction again last week, the fairly active call tended to give the market a steady to firm price appearance.

Potash Prussiate.—Yellow potash prussiate was reduced Monday at 15c. to 16c. per pound, the market appearing firm at that level. No change was disclosed in red potash prussiate, consumers were withdrawing supplies at a fair pace.

Soda Bichromate.—This market offered little change from recent weeks, shipments were moving out in consistent fashion. No change was disclosed in quotations.

Zinc Dust.—An advance of 40 points was reported here, sellers were listing 9¼ to 9¾c. per pound, according to quantity. Advance in prices could be attributed to an increase in price for the basic metal.

Dyestuffs

Annatto.—Little activity was noted in the market for paste and seed annatto throughout the week. Prices were well maintained.

Archil.—A firm tone prevailed in this direction again last week, although demand was highly irregular. Firmness in price position could be traced to the conservative volume in sellers' hands.

Cochineal.—This market presented little change from recent weeks, routine consumers continued to order out jobbing quantities, but the price tone remained firm.

Fustic.—A steady to firm tone continued in evidence in this market again last week. Sellers reported withdrawals indicated consumers were endeavoring to cover for immediate production wants only. Prices were unchanged.

Indigo.—Business in the market for synthetic indigo continued good during the week. Sellers reported prices were firm. There was little to report in the market for natural indigo, shipments were moving out at well spaced intervals. Prices were firm.

Logwood.—A good volume of business was transacted for routine account during the week. No change was disclosed in quotations.

Sizing Materials

Albumen.—Pending Washington legislation has brought about a hesitancy on the part of both buyers and sellers in the market for imported egg products, and prices were listed at 76c. to 78c. per pound. Stocks on hand were said to be rather small, at least not sufficient to care for demand until the arrival of the April-May shipment from China.

Dextrin.—Demand continued fairly active during the week just closed. Sellers reported prices were steady to firm.

Egg Yolk.—Uncertainty over the outlook slowed business in the market for imported egg yolk. The uncertainty was the result of the pending Washington legislation, pertaining to excise taxes. Prices were unchanged.

Frozen Eggs.—The market on the New York Produce Exchange was quiet. On Friday, February whole mixed futures closed at 18.25c. to 19.25c.; March, 18.25c. to 19.25c.; April, 20.00c. nom.

Egg production continued on a high basis on February 1. Both production of eggs per hen and total production of eggs was considerably greater than last year, and above the 10-year (1925-34) February level. However, total production did not equal the 5-year (1930-34) average production for February, owing to fewer layers and lower production per hen. Egg production continued to show the influence of mild weather in the central and eastern portions of the country. The total production of eggs in farm flocks on February 1 was running 16 percent greater than a year ago and slightly above average. The bulk of the increase this winter is in the States east of the Mississipppi River. In the west north central States egg production on February 1 was about the same as last year.

Starch.—A firm tone continued in evidence in this direction again last week. Shipments were moving out at a fair pace.

Tanning Materials

Divi-Divi.—A dull demand was reported in this direction again last week, prices were strictly nominal.

Gambier.—Business in the market for common gambier was fair and prices were nominal for stocks on hand were small. The call for Singapore cubes and plantation gambier was fairly good, no change was disclosed in quotations.

Mangrove Bark.—Demand continued at an irregular pace throughout the period under review, sellers were holding firm to prices in effect in the preceding period.

Myrobalans.—J1 myrobalans were lower at $27 per ton and J2 material was priced at $20.75 per ton. Demand indicated consumers were covering when needs reached an urgent point.

Quebracho.—A good volume of business was transacted here again last week. No change was uncovered in quotations.

Sumac.—The market for ground susumac was listed at $60 per ton and leaf sumac was priced at $65 per ton.

Valonia.—A sharp advance was listed for valonia beards, sellers were asking $49 per ton and cups were priced at $32 to $34 per ton.

Wattle Bark.—A slight decline was noted here, sellers were asking $31 to $32 per ton.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

'Hot Oil' Bill Favored And Attacked in Hearing

(Continued from page 4)

sociation of Petroleum Retailers; Russell B. Brown, Independent Petroleum Association, and Harvey Fremming, President of International Association of Oil Field, Gas Well and Refinery Workers of America.

Fremming also asked for an amendment to the Connally act dealing with wages and hours in the oil industry.

Opponents of the bill were led by Paul Hadlick, counsel for the National Petroleum Marketers Association, who submitted a statement opposing the Connally act on five points, as follows:

First: It proposes to make permanent a piece of emergency legislation originally a part of and designed to be used in connection with the National Recovery Act.

Second: There should be true competition between the States producing oil for the business of the consuming States.

Third: The Connally Act as it has operated has played into the hands of the major oil companies, giving them practically monopolistic control of the production of oil; thus enabling and bringing about effective control of refinery runs and a false shortage of refined petroleum products.

Fourth: The country cannot be half slave and half free; nor can the oil industry be half controlled (at the source) and half competitive (in the marketing branch).

Fifth: The independent oil marketers have not enjoyed a free and open market to purchase their supplies since the Federal government came into the picture and aided in holding supply of crude below market demand.

Hadlick also submitted an amendment to disintegrate the branches of production, transportation, refining and marketing of the major oil companies.

Joining Hadlick in opposing the bill on similar grounds were Clarence Schock, of the Independent Oil Jobbers Association of Pennsylvania; R. E. Decker, of the Dixie Marketers; F. E. Bergfors, of the Oil Men's Assocation of New England; W. R. McCain, of the Missouri Independent Oil Jobbers Association; H. M. Wilson, of the Iowa Independent Joobers Association; L. O. Bancom, of the Jobbers Division of the Kentucky Petroleum Marketers Association, and Ira F. Walton, of the Virginia Independent Petroleum Jobbers Association.

N.Y. Drug Bill Raises Points of Trade Concern

(Continued from page 3)

from that county. Local pride and the plans of the promoters apparently were out of harmony; for the bill in some manner found its way into the legislature with the help of Senator Joseph Esquirol, of Brooklyn, and Assemblyman Ira H. Holley, of Manhattan.

The drafting of the bill leaves some doubtful points; such as the setting up of a revolving fund without excepting it from the State finance law and the failure to state the process by which seizures are to be made. The measure is also regarded by those interested in its effects to leave too much to the discretion of the boards and officials which it sets up for administrative functioning. Doubt is expressed also with respect to the interference with municipal home rule through the prohibiting of local regulations inconsistent with the State act.

Some legal analysts of the measure are of the opinion that its terms in certain respects are at variance with the State constitution. As they see it, the implication is that the food, drugs, and cosmetics act is purported to supersede the constitution in these instances.

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Informative Booklets

Ask the Oil, Paint and Drug Reporter, 12 Gold Street, New York, for any of the following booklets you may want; simply send the numbers on a postcard. Copies will be sent to you without charge.

Alloys:—"Strength, Plus," is the title of a new booklet issued by the International Nickel Company, outlining the solution to scores of actual metal problems encountered by the engineer. It has been prepared primarily as a guide book to "Monel" and other non-ferrous nickel alloys in the fields of engineering applications. It also covers the corrosion resistance and other properties of these metals. The booklet is excellently illustrated and is available without charge to members of all branches of the engineering profession. **(474)**

Ammonia:—"From the Air at Niagara," a folder issued by the Mathieson Alkali Works, describes the company's dry anhydrous ammonia, shipping containers, and the quick service that is available through forty-six warehouses strategically located in various parts of the country. **(475)**

Boilers:—"Edge Moor Steam Generating Equipment," published by the Edge Moor Iron Works, is an attractively prepared catalogue covering all the types of water tube boilers which the company manufactures and including such accessories as water walls, air preheaters, and waste heat boilers. **(476)**

Chemicals: — "Photographic Chemicals," and "Phosphates and Industrial Chemicals," distributed by the A. R. Maas Chemical Company, presents a long list of the two groupings of chemicals, and points out that the latter group, the phosphates, are made from Western materials exclusively, the phosphoric acid prepared in Montana and combined with soda and caustic from the California deserts, and then put through various purifications **(477)**

Chemicals:—"Columbia Liquid Chlorine," and "Columbia Sodium Bicarbonate," distributed by the Columbia Alkali Corporation, describe these two recent additions to the long line of the company's products. They are now in production at plants centrally located for prompt and accurate shipments. **(478)**

Chemicals:—"Chemical Products," put out by the Advance Solvents & Chemical Corporation, presents a wide variety of products distributed by this company, including lacquer, paint and varnish materials; solvents and plasticizers; synthetic resins and cellulose products; chemicals; chemical specialties; rubber chemicals; nitrogen chemicals, and metals and oxides. **(479)**

Chemicals:—"Chemicals and Adhesives," published by Seldner & Enequist, is the company's November price list for a long list of products manufactured by the company. **(480)**

Classifiers:—"Hardinge Counter-Current Classifier" is a bulletin of the Hardinge Company, describing its classifier which cleans its oversize by rolling, not scraping, and which has no dead corners to act as traps. It will start up fully loaded, and unskilled labor can operate it efficiently. The bulletin contains also useful data and information on classification. **(481)**

Colors:—"Dry Colors; Flushed Colors," published by the Hilton-Davis Chemical Company, lists many products entirely new to the dry and flushed color markets, and describes the difference in methods of manufacture between the two types, with illustrations giving the color results. The company also supplies rosin size, wax size, collodion size, and many miscellaneous chemicals. **(482)**

Cosmetics:—"Petroleum Products in Cosmetics," issued by L. Sonneborn Sons, tells the story, with appropriate illustrations, of Sonneborn's perfection of white mineral oil, petrolatum, mineral jellies, and allied specialties for the requirements of the cosmetic world. It covers cold creams, cleansing creams, vanishing creams, special creams, liquid creams, hair preparations, soapless oil shampoos, make-up preparations, and manicure preparations. **(483)**

Equipment: — "Premixing, Grinding and Cutting, Homogenizing," put out by Eppenbach, Inc., shows the company's new verticle type colloid mill for laboratory use. The mill will emulsify, cut fibrous materials such as are found in fruits, vegetables, meats, glands and the like, grind hard particles, and homogenize. It makes it possible for the chemist to experiment on a small amount of material before purchasing industrial type machines for production. **(484)**

(To be continued)

A New Principle in Paint Durability

Following an exhaustive study of paint durability in our Research Division a few years ago, one of the investigators wrote into his report:

"The results of the work clearly indicate the need for a pigment to act as a distributor for relieving the stresses and strains between the finish paint and wood, or between the finish paint and the old painted surfaces."

Today that pigment is Cryptone MS-130. Its creation is a challenge to existing paint durability standards.

By every test, it has indicated its ability to reduce cracking and checking tendencies. It is a high-hiding, high-bulking, low-cost pigment.

The coupon will bring you a sample for test.

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Send me a sample of Cryptone MS-130.

Name .....

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New Jersey Zinc Co.

Paint, Varnish Output Made Big Gains in 1935

(Continued from page 5)

Paints (Continued)	
Ready-mixed and semipaste paints—	
Total gallons	89,449,713
Total value	$128,830,849
Paints in oil, ready-mixed—	
Gallons	39,621,507
Value	$63,458,416
Undercoatings and primers—	
Gallons	8,649,029
Value	$10,167,329
Wall paints and mill whites, flat or gloss—	
Gallons	21,451,206
Value	$30,267,683
Stains (not including varnish stains)—	
Gallons	3,077,151
Value	$3,308,561
Other ready-mixed and semipaste paints—	
Gallons	16,650,820
Value	$21,628,860
Varnishes, japans, and lacquers (including enamels), total value	$170,766,613
Varnishes, synthetic-oleoresinous (straight or modified)—	
Gallons	14,539,204
Value	$16,796,415
Varnishes, other resinous except synthetic—	
Gallons	15,839,553
Value	$15,349,608
Varnishes, spirit, not turpentine—	
Gallons	7,908,191
Value	$8,663,744
Other varnishes—	
Gallons	8,622,674
Value	$8,767,907
Varnish stains—	
Gallons	1,763,515
Value	$2,932,682
Nitrocellulose (pyroxylin) products, total value	$56,296,624
Clear lacquers—	
Gallons	9,332,624
Value	$12,860,955
Pigmented lacquers—	
Gallons	11,760,134
Value	$25,367,609
Thinners—	
Gallons	18,591,545
Value	$12,864,123
Lacquer bases and dopes—	
Gallons	2,654,763
Value	$3,232,814
Other nitrocellulose products, value	$1,971,123
Enamels, total value	$55,095,886
Oil, ester-gum, and natural resin, varnish base—	
Gallons	20,422,809
Value	$33,078,330
Synthetic resin (oil, straight or modified)—	
Gallons	11,039,339
Value	$22,017,556
Drying japans and driers—	
Gallons	1,850,588
Value	$1,705,163
Baking japans—	
Gallons	3,522,676
Value	$2,151,304
Other products of the varnish group, value	$3,007,280
Fillers, total value	$1,158,544
Liquid—	
Gallons	292,956
Value	$342,588
Paste—	
Pounds	8,201,690
Value	$617,798
Dry—	
Pounds	8,978,373
Value	$198,158
Putty—	
Pounds	71,783,976
Value	$2,869,865
Bleached shellac—	
Pounds	12,524,732
Value	$2,425,032

Salines production from natural sources in California in 1936 is estimated to have had an aggregate value of $9,825,000. The products included borates, potash, iodine, salt, and soda.

Paint, Varnish, Lacquer Materials

Lead Oxide Prices Advanced as Metal Rises ½c per Pound—Grinding Operations Continue Active — Rosin and Turpentine Continue Quiet

Higher metallic lead prices and increases in car lot and smaller quantity prices for the derivative oxides was the featured movement in the paint, varweek. The first lead rise took place Thursday and it was followed Friday by another rise, both of which were accompanied by an advance in red lead, litharge and orange mineral. Thursday's boost in lead was the market's first rise since December 21 last and it brought prices to their highest point in recent years.

Price changes in the natural gum group were not so numerous as in recent weeks, having been limited to only the dust gradings of Batavia and Singapore dammar. Car lot prices for very finely ground amorphous silica and for hard-quartz silica followed the downward price trend in the coarser grades of amorphous, which was reported here two weeks ago.

Paint grinding operations continued in seasonally broadening proportions and the receipt of orders for replacements for the grinding mills continued at a good rate of frequency. With the notable exception of a few commodities which were bought heavily in December because of price advantages in advance of the turn of the year, most commodities used in the manufacture of surface finishes were moving into consumption rapidly. And, with labor difficulties in the automobile industry at an end, the tire makers were less cautious in their purchasing activity.

Southern and local markets for rosin and turpentine continued quiet last week, consumers generally being disposed to adhere to a very conservative course in making purchases. There were rumors of further liberal sales of government-owned rosin but confirmation was lacking. Receipts were larger than had been expected, the liberal movement being attributed to unusually mild weather in many sections.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Barytes, dom., l.c.l., Chicago, 30c. per ton.
Gum, dammar, Batavia, dust, ¾c. per lb.
Singapore, dust, ¼c. per lb.
Lead, red, ½c. per lb.
Litharge, ½c. per lb.
Orange, mineral, dom., ½c. per lb.
Rosin, 10-25c. per 280 lbs.

Reduced

Silica, amor., 99% 325 mesh, c.l., $2 per ton.
hard-quartz, $1 to $3 per ton.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
132.7	132.7	132.7	130.0

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Lead prices advanced sharply last week. Two advances of ¼c. per pound each brought the market to its highest point since January, 1930. The first advance took place Thursday and the second occurred on the following day. Quotations were now 6.35c. per pound at East St. Louis and 6½c. to 6.55c. per pound at New York, according to brand. London reached £30 per ton at the first session Friday. The activity in London was mainly responsible for the market's action. Of course, domestic lead statistics for January are expected to be made public on Tuesday and a stronger statistical position will doubtless show but the heavy buying in London was the driving factor behind the market's upswing. The British Government's announcement in midweek that it would spend $7,500,000,000 in a five-year rearmament program was acted upon quickly by the London speculators and under the heavy trading abroad, prices rose rapidly to points beyond the American parity. Lead was very strong, even at the sharp advances of last week and with favorable statistics expected Tuesday, a further strengthening in the market would not be surprising to the followers of the market here. Buyers rushed to cover in the closing days of the week, with most of the purchasing placed for March position.

Zinc moved up with lead and other metals. A 20-point boost on Thursday sent the market up to 6.60c. per pound at East St. Louis and a similar advance on Friday brought the market to 6.80c. per pound at East St. Louis, the highest figure paid for zinc since October, 1929. Zinc was very tight here and coupled with a heavy buying movement in London, some observers of the market felt that the market was in a good position to cross the October, 1929, high of 6.80c. per pound.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from February 13 to February 19, inclusive, were as follows:—

	Pigs: Per pound		Spot. London. Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0600@.0605	$0.0585	..	..	..
Monday	.0600@.0605	.0585	27	5	0
Tuesday	.0600@.0605	.0585	27	16	0
Wednesday	.0600@.0605	.0585	28	3	9
Thursday	.0625@.0630	.0610	28	16	3
Friday	.0650@.0655	.0635	30	0	0

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from February 13 to February 19, inclusive, were as follows:—

	Slabs: Per pound		Spot. London. Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0675	$0.0640	..	..	..
Monday	.0675	.0640	24	0	0
Tuesday	.0675	.0640	24	15	0
Wednesday	.0675	.0640	25	16	3
Thursday	.0695	.0660	27	1	3
Friday	.0715	.0680	27	17	6

Pigments

Lead oxides advanced ¼c. per pound, Thursday morning, and another ¼c. Friday. Thursday's rise in lead was the market's initial movement since December 21 and the advances in oxide prices affected both the car lot and l.c.l. postings. Dry red lead, litharge and orange mineral were included in the move. Up to this writing, there was no change in the small package prices but higher quotations were likely to appear soon, according to those close to the market. The pigment market as a whole was fairly active and has been so for the past few weeks. Paint grinding operations showed seasonal progress as evidenced by the demand for supplies.

White Lead. — Buyers of the dry pigments were not very active in the market, having ample supplies of the heavy purchases made before the price rise on the first of the year. Last week's lead advance, however, was expected to revive some buying interest in the market.

Red Lead. — Car lot and l.c.l. prices advanced ½c. per barrel, last week Car lot quotations were now as follows:—95 percent or less Pb_3O_4, 9c. to 9¼c. per pound, according to delivery point; 5 ton lots, delivered, Ala., Ark., Calif., Fla., Ga., La., Miss., Okla., Tex., and west of Cascade Mountains in Ore., and Wash., 9¾c. per pound; 5 ton lots. delivered, Ariz., Idaho, Nev., Utah, and east of Cascades in Ore. and Wash., 10¼c. per pound; 5 ton lots, delivered, Colo., Mont., N. Mex., and Wyo., 10c. per pound and 5 ton lots delivered elsewhere, 9½c. per pound. Prices for 97 percent material were ¼c. per pound additional and prices for 98 percent material were ½c. per pound additional. Quantities less than 5 tons were ½c. per pound higher than the 5-ton prices.

Litharge. — The week's ½c. boost in metallic lead raised the prices for this derivative to the basis of 8c. to 8¼c.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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per pound for car lots, according to delivery point. The remainder of the schedule for 5-ton lots and for smaller quantities was 1c. per pound below the aforementioned schedule for red lead testing 95 percent or less Pb_3O_4.

Lithopone.—The demands of the market were quite active last week. Buyers have been coming into the market for larger quantities on their individual orders and there was a greater frequency rate to the ordering. Prices continued unchanged. Imports for consumption in December totaled 899,600 pounds, of which 840,000 pounds came from the Netherlands, 55,100 pounds from Germany and the remainder from Belgium; exports during the month were 458,950 pounds with Canada taking 276,000 pounds. The Census of Manufactures for 1935—just released by the Bureau of Census—showed lithopone production at 322,639,266 pounds, against 273,306,487 pounds in 1933 and 410,638,583 pounds in 1929.

Orange Mineral.—Prices advanced ½c. per pound last week. The schedule for 5 ton lots, basis delivered, was as follows:— Ala., Ark., Calif., Fla., Geo., La., Miss., Okla., Tex., and west of Cascade mountains in Ore. and Wash., 12c. per pound; Ariz., Idaho, Nev., Utah, and east of the Cascades in Ore., and Wash., 12½c. per pound; Colo., Mont., New Mex., and Wyo., 12¼c. per pound; and delivered elsewhere, 11¾c. per pound. Smaller lots were ½c. per pound higher.

Zinc Oxide.—Shipments were quite heavy last week, continuing the good rate of trade of the preceding week. Makers of surface coatings, tires and linoleum products were all buyers in the market last week. Prices continued in a firm position at the schedule. The production of zinc oxide in 1935, according to the biennial census of the Bureau of Census, was 257,203,951 pounds, against 246,662,932 in 1933 and 436,714,982 in 1929. Imports in December totaled 80,267 pounds while exports during the same month totaled 286,885 pounds, according to the Department of Commerce.

Fillers and Extenders

With such obstacles as the labor troubles in the automobile industry and the Middle Western floods out of the market's path, a lively and seasonally growing movement of inert pigments, fillers and mineral whites was particularly noticeable last week. Generally speaking, business was good. The general tenor of prices was even and without basic change.

Barytes.—Producers of the Missouri article continued to quote the market at an unchanged figure in St. Louis and the warehouse prices at distributing points were also unchanged with the exception of Chicago, where l.c.l. quantities in barrels were now $31.15 per ton, compared with $30.85 formerly.

Flake White.—There has been very little call for this article in recent weeks. The producers quoted the market at 9½c. to 10c. per pound.

Silica.—The amorphous, 99 percent through 325 mesh, in car lots at the sellers' works, followed the recent decline in the price for the coarser grades and the suppliers now quoted $22 per ton, compared with $24 per ton previously. The l.c.l. prices remained unchanged for the time being. The hard-quartz, 140 mesh, grade was quoted at $11 per ton in car lots and $16 per ton in smaller lots, both f.o.b. sellers' works. Former prices on this grade were $14 per ton for car lots and $17 per ton for smaller lots.

Whiting.—Producers of the limestone variety reported last week that there had been no recent change in the prices. Car-lot quotations at the sellers' works ranged from $6.25 per ton for the coarsest grade of air-floats up to $12.50 per ton for extra bolted gilders. Production of whiting in 1935, according to the Bureau of Census figures which were just released, was 125,351,666 pounds against 202,207,936 pounds in 1929.

Dry Colors

Trade in earth and chemical colors was fair last week. There has been a progressive widening of purchasing interest for the past month but it has not approached the relative volume of trade done in the pigments. From the way things point, however, the color market should reach a high rate of selling activity within a month's time. Prices were without important change during the week.

Carbon Black.—The demands of the tire trade were good. Some purchasers had curtailed purchases at the beginning of the month but when the auto-

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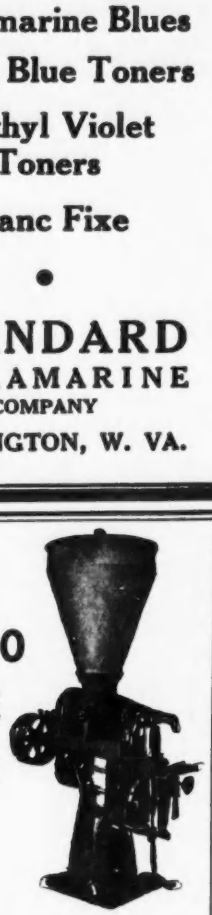
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mobile strike ended, the interest of these buyers was changed. The ink trade continued as an active buyer. Prices continued unchanged in all directions.

Chrome Yellow.—The market was favored with a fair degree of activity, considering the heavy purchasing done in December when the buyers took in all undelivered balances on their contracts because of the advance in prices.

Dutch Pink.—Although it was not a development within the past week, the sellers' ideas of price for this type of yellow were now 9c. to 11c. per pound, compared with 8c. to 10c. when last reported.

Iron Blues. — The reduction in the price of potash prussiate last week did not alter the position of these colors. According to the census of manufactures, figures just released by the Bureau of Census, production of c.p. iron blues in 1935 was 5,582,836 pounds. Of this, 4,894,621 pounds were manufactured for sale and for interplant transfer, compared with 5,359,419 pounds.

Lamp Black.—The prices for domestic and imported blacks continued without change. Demands have been fairly active.

Sienna.—There has been no change in the position of raw and burnt material and the sellers reported a moderately active call for supplies from the consumers.

Varnish Gums

Price advances in the natural gum group were confined to the dust gradings of Batavia and Singapore dammar gums last week but the entire market was strong and buyers were closely interested in developments. Since the current upward movement of prices began some weeks ago, the trade has been attentive to each step in the market's rise. Reports from abroad were all in a strong vein and little material is offered to the importers here.

Copals. — The market was without price change last week. As reported in the late market summary of last week's issue, genuine bold Pontianak rose to 16c. per pound; mixed bold Pontianak went to 14c. per pound; and Pontianak chips were advanced to 10¼c. per pound. These prices for straight or mixed cars and were subject to the usual differentials for smaller quantities.

Dammars. — Prices for Batavia dust were advanced ⅜c. per pound to the basis of 6⅛c. per pound and the price for Singapore dust was advanced ¼c. per pound to the basis of 6c. These quotations were also for straight or mixed cars and were subject to usual differentials for smaller sized lots.

Kauri.—According to a consular report from Auckland, the kauri gum industry during November and December reported favorable business conditions. Receipts of gum at Auckland in November totaled 501 tons, with 441 tons exported and this movement represented over 50 percent increase over any month of the year or any month of November during the past few years. The great increase in the trade was attributed to an increased demand, and better prices for the linoleum grades of gum. An unofficial survey indicated that the principal grade of gum in demand during November was the ordinary dark chips, with about 80 percent gum content. A later report received by private interests here showed December exports of 401 tons, of which 64 tons came to United States.

Synthetic Resins

The ester gum market continued in a firm position with 11½c. per pound as the base price for car lot quantities and 11¾c. per pound for 10-drum lots and 12c. per pound for smaller lots. The raw material situation was still very tight and no prospects of a relief from the present high price level in sight. December exports of synthetic resin sheets, plates and manufactures totaled $34.204 in value, according to the Department of Commerce.

Naval Stores

Reports were current here last week to the effect that further rather liberal blocks of government owned rosin had been disposed of to Northern consumers but confirmation was lacking. Aside from this the situation presented few features of more than ordinary interest. So far as the local market was concerned business in both rosin and turpentine was on a narrow scale. In some circles a fair inquiry was noted for rosin, but actual transactions were apparently confined to comparatively small quantities to fill the current or nearby requirements of consumers.

According to official returns the daily transactions in Southern markets were light and while there were reports of further sales on private terms, transactions of the latter character were apparently not of much importance, as many consumers were disposed to adhere to the conservative course adopted in making purchases when the labor troubles developed in the automobile industry. There were reports of an increase in the export inquiry for rosin from Far Eastern interests last week, this being attributed to an advance in ocean freight rates which becomes effective March 1. The export inquiry for rosin from Europe and South America was disappointing, while foreign trade in turpentine still appeared to be practically at a standstill.

Receipts in Southern markets were larger than expected. The arrivals during thus far in February have shown a material increase as compared with the same time last year, this movement being attributed to the unseasonably high temperatures prevailing in many parts of the South. The current Winter season in various sections is said to have been the mildest experienced in many years. Further meetings were held in Georgia, Florida and South Carolina last week for the purpose of discussing the proposed conservation plans for the coming season.

Turpentine.—Quiet conditions prevailed in the local market last week. There was nothing stimulating in the news from primary centers where transactions were also on a small scale. Offerings in Southern markets were light, however, and the undertone there appeared to be steady. The weather in many parts of the South was unusually mild for this period and the movement from the interior to the seaboard was larger than had been expected. Some in the trade were disposed to take a more favorable view of the outlook for business in the near future, some expansion being anticipated as a result of the settlement of the Western labor troubles.

SAVANNAH, Feb. 19.—The turpentine market retained a steady tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	...	...	...	...	.....
Monday	42	21	46	827	26,998
Tuesday	42	28	15	550	26,463
Wednesday	42	24	35	265	26,233
Thursday	42	26	23	20	26,236
Friday	42	...	32	...	26,268

* Market closed.

JACKSONVILLE, Feb. 19.—Turpentine was quiet. Offerings were light. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	...	...	...	...	.....
Monday	40½	...	66	12	39,164
Tuesday	40½	...	6	111	39,202
Wednesday	40½	...	24	19	39,207
Thursday	41½	...	14	...	39,221
Friday	41½	...	26	47	39,200

* Market closed.

PENSACOLA, Feb. 13.—The market for turpentine was quiet and steady. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	21	249	22,900
Tuesday	1	...	22,901
Wednesday	21	123	22,799
Thursday	2	...	22,801
Friday	...	324	22,477
Saturday	22	123	22,376

CHICAGO, Feb. 19.—The turpentine market here is quiet but rather steady. Dullness of a seasonal nature prevails. Orders are reported to be reaching a moderate total, mostly in small lots. Both retail and wholesale seems to be on a rather sparing vasis, with buyers cautious. Inquiries are coming in fairly well, however, it is reported, mostly for material for early shipment. Ruling prices at the close of business last night were:—Five-drum lots, 51c. per gallon; five wood barrels, 56c.; single drums, 54c.; single barrels, 59c.

LONDON, Feb. 19.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	41	0
Monday	41	0
Tuesday	41	3
Wednesday	41	3
Thursday	41	3
Friday	41	3

Stocks of American turpentine in London were:—

	Feb. 19.	Previous week.	Last year.
Barrels	19,296	24,417	11,212

Rosin. — Changes in local quotations were generally within rather narrow limits last week in the absence of wide price movements in primary centers

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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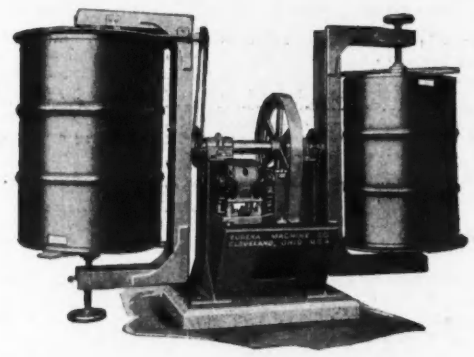

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where the undertone appeared to be steady or firm. Business here was on a small scale, many consumers being disinclined to purchase in advance of current needs. Domestic purchases in southern markets were comparatively light. There were reports of an increase in the export inquiry from the Far East, this being attributed by some to an impending advance in ocean freight rates. Temperatures recently in many parts of the South have been unseasonably high and receipts in primary markets were larger than expected.

SAVANNAH, Feb. 19.—Rosin sales were lighter but the market had a steady undertone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—				
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B		$8.75	$8.75	$8.75	$8.65	$8.65
D		9.00	9.00	9.00	9.00	9.00
E		9.50	9.50	9.50	9.45	9.45
F		10.00	10.00	10.00	9.95	10.00
G		10.00	10.00	10.00	9.95	10.00
H		10.00	10.00	10.00	9.95	10.00
I		10.00	10.00	10.00	9.95	10.00
K		10.00	10.00	10.00	9.95	10.00
M		10.00	10.00	10.00	10.00	10.00
N		10.10	10.10	10.10	10.00	10.00
WG		10.25	10.25	10.25	10.25	10.25
WW		12.00	12.00	12.00	12.00	12.00
X		12.00	12.00	12.00	12.00	12.00
	Barrels					
Sales		399	45	...	408	169
Receipts		1,112	441	133	461	326
Shipments		2,518	847	2,869	144	...
Stocks		62,329	61,923	59,187	59,504	59,830

JACKSONVILLE, Feb. 19.—Changes in rosin quotations were generally moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—				
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B		$8.75	$8.75	$8.75	$8.75	$8.75
D		8.90	8.90	8.90	9.00	9.00
E		9.50	9.50	9.50	9.45	9.45
F		9.95	10.00	10.00	9.95	9.95
G		9.95	10.00	10.00	9.95	9.95
H		9.95	10.00	10.00	9.95	9.95
I		9.95	10.00	10.00	9.95	9.95
K		9.95	10.00	10.00	9.95	9.95
M		9.95	10.00	10.00	9.95	9.95
N		9.95	10.00	10.00	9.95	10.00
WG		10.50	10.25	10.25	10.00	10.00
WW		12.00	11.80	11.80	11.80	11.80
X		12.00	11.80	11.80	11.80	11.80
	Barrels					
Sales		79	580	...	651	640
Receipts		1,576	1,319	697	225	420
Shipments		2,429	125	80	11,158	393
Stocks		60,412	61,636	62,253	51,320	51,347

PENSACOLA, Feb. 12.—The rosin market was steady. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	106	39	54	51	64	73
Shipments	300	164	100	470	240	937
Stocks	23,749	23,624	23,578	23,159	22,983	22,119

CHICAGO, Feb. 19.—February is running rather true to form in being a comparatively dull month in naval stores transactions. Buying is being restricted on a generally seasonal basis. Few purchasers are anxious to make large commitments, but in spite of the dullness prices are holding their own in most cases, and the tone seems to be fairly firm. Ruling prices at the close of business last night were:—B grade, $11.75 per lot of 280 pounds; G grade, $13; M grade, $13; W.W. grade, $15.

LONDON, Feb. 19.—Quotations on American rosin were as follows:—

	Per cwt. in barrels—	
	Common.	W.W.
	s. d.	s. d.
Saturday	23 6	28 3
Monday	23 9	28 3
Tuesday	23 9	28 3
Wednesday	23 9	28 3
Thursday	23 9	28 3
Friday	23 9	28 3

Pine Oil. — A firm tone continued to prevail, quotations being maintained at previous levels. Business was of a conservative character, the demand for moderate quantities being reported as fair.

Pitch.—The inquiry was fairly active and the market retained a firm tone. Quotations were held at former levels. Spot supplies were reported as light.

Rosin Oil. — There was some improvement in the inquiry for moderate quantities but aside from this the situation lacked new features. The market retained a firm tone.

Tar. — Quotations were stationary and the tone of the market was regarded as firm. There was a steady movement into local and outside consuming channels.

Shellac

Some improvement in new demands was reported last week. Also, the outmovement of production sold under contract seemed to show a gain as buyers accepted tenders with more alacrity. However, the improvement, if any, was moderate and hardly productive of a stronger view on values and market conditions. The firm element in the entire situation was the position of shellac in the London and Calcutta markets. It was quite evident that little in the way of real weakness existed in either spot. Prices fluctuated within comparatively narrow limits and the absence of a larger demand failed to affect prices adversely. Stocks of shellac in London on February 1 totaled 125,402 packages, of which quantity 123,663 packages were orange shellac.

Calcutta, Feb. 19.—Prices quoted on pure T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound—	
	Feb. 19.	Feb. 11.
February	12¼c.	12⅛c.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices were as follows:—

	Per pound.
February 11	12⅛c.
*February 12	....
February 13	12c.
February 15	12c.
February 16	12¼c.
February 17	12¼c.
February 18	12¼c.
February 19	12¼c.

* Holiday here.

London, Feb. 19.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	—February 19—		—February 11—	
	Shillings.	Cents.	Shillings.	Cents.
	Cwt.	lb.	Cwt.	lb.
March	52	11.3	52	11.3
May	53	11.5	53	11.5

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight—	
	March.	May.
February 11	52s.	53s.
*February 12	....	....
February 13	52s.	53s.
February 15	52s. 6d.	53s. 6d.
February 16	52s. 6d.	53s. 6d.
February 17	52s. 6d.	53s. 6d.
February 18	52s. 6d.	53s. 6d.
February 19	52s.	53s.

* Holiday here.

Lacquer Materials

The market for lacquer materials noted a slightly better demand during the week just closed. Manufacturing consumers were ordering out supplies in slightly larger volume, and the lone change in the market was in pyroxylin scrap, the changes not being confined entirely to the week under review. Ethyl acetate was moving out in good volume. Acetone was firm. Reports from Detroit stated that negotiations were being carried between labor interests and General Motors officials toward making the settlement of the strike definite. As a result of General Motors getting into production Monday, automobile production was expected to show a marginal improvement for the final half of the current month, for the company has a large backlog of unfilled orders.

Acetone.—Demand continued good during the week. A firm tone was in prominence.

Butyl Acetate.—A fairly active buying movement was reported for this material during the week just closed. No change was disclosed in quotations.

Butyl Alcohol.—A strong tone continued in evidence here, shipments were moving against contracts at a good pace.

Dibutyl Phthalate.—There was little to report in this direction, usual buyers covering for immediate wants only. Prices were steady.

Ethyl Acetate.—A slight betterment was shown in the call for this product last week. Nn change was uncovered in quotations.

Film Scrap.—A firm tone was reported here. Domestic demand as well as the call for export account was good. Prices were unaltered.

Pyroxylin Scrap.—Demand was good here. Sellers were quoting amber at 15c. per pound; black, 10c. per pound; china white, 16c. per pound; dense white, 12c. per pound; gray, 10c. per pound; mixed, mottles, opaque, 4c. per pound; shavings, 16c. per pound; colors, mixed 10c. per pound, and white, 15c. per pound.

Driers

It was believed that new contracts for the second quarter of the year would make their appearance early in March. And, unless there is a radical change in conditions, prices willl be much higher than the present contract levels. Stearic acid has been advanced three times since the present prices for stearates were established and a substantial mark-up in the new contracts should be expected. Latest quotations on other drier materials and metallic soaps were as follows:—Cobalt linoleate, 6 percent liquid, 26c. per pound; cobalt linoleate, 8½c. percent solid, 31c. per pound; cobalt resinate, fused 2 percent, 13½c. per pound; cobalt resinate, fused 3½ percent, 16½c. per pound; precipitated cobalt resinate, 31½c. per pound; manganese linoleate, 19c. per pound; pale fused zinc resinate, 10c. per pound; and precipiated zinc resinate, 15c. per pound.

Glues and Binders

Casein.—Although the paper coaters were working close to capacity limits, the purchasing has not been extended beyond the rate of the past few weeks. Nevertheless, casein buying was larger than the intake of material at this time of the year and the prices held their ground. Domestic 20-30 mesh was 19c. per pound in car lots while the 80-100 mesh article was posted at 19½c. per pound, both basis delivered.

Glues.—The market continued tight in every direction. Some holders of stocks have been quoting higher prices on hide glues since the beginning of the month but others continued to offer at unchanged levels. The demands were fairly good last week, particularly against contract, and the general leaning of the market was toward the stronger side of the market.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Dry Colors, Pigments Output Gained in 1935

(Continued from page 5)

Dry Colors (Continued)	Pounds.	Value.
C. P. iron blues (Prussian blue), total production:—		
1935[2]	5,582,836	.....
Made and consumed in same establishments:—		
1935[2]	688,215	.....
Made for sale and for interplant transfer:—		
1935[2]	4,894,621	1,742,060
(The statistics for the colors named below are for the year 1935. Figures for 1933, for which no separate data are available, are included in the totals given in footnote 1.)		
C. P. chrome greens, total production	7,959,753	.....
Made and consumed in same establishments	1,215,384	.....
Interplant transfers	1,460,074	310,068
Made for sale	5,284,295	1,104,984
Reduced chrome greens, total production	7,634,224	.....
Made and consumed in same establishments	518,791	.....
Interplant transfers	462,024	38,943
Made for sale	6,653,409	559,747
C. P. para toners, total production	1,180,875	.....
Made and consumed in same establishments	170,922	.....
Intolerant transfers	60,047	41,592
Made for sale	949,906	679,925
Reduced para reds, total production	877,433	.....
Made and consumed in same establishments	53,766	.....
Made for sale and for interplant transfer	823,667	138,968
C. P. lithol toners, total production	2,259,463	.....
Made and consumed in same establishments	330,872	.....
Interplant transfers	40,116	23,580
Made for sale	1,888,475	1,115,853
Reduced lithol reds	228,521	103,906
C. P. toluidine toners, total production	760,169	.....
Made and consumed in same establishments	69,050	.....
Made for sale and for interplant transfer	691,119	925,483
Reduced toluidine reds	131,995	60,925
All other red toners, total production	677,945	.....
Made and consumed in same establishments	41,222	.....
Made for sale and for interplant transfer	636,723	906,877
All other reduced reds	1,254,782	570,749
All other toners	233,976	252,443
Phosphotungstic-acid toners, total	.....	900,040
Blue, total production	122,471	.....
Made and consumed in same establishments	11,065	.....
Made for sale and for interplant transfer	111,406	388,204
Green, total production	71,681	.....
Made and consumed in same establishments	5,593	.....
Made for sale and for interplant transfer	66,088	166,110
Purple, total production	95,671	.....
Made and consumed in same establishments	19,660	.....
Made for sale and for interplant transfer	76,011	124,944
All other	108,524	220,782
Phosphotungstic-acid lakes, total	322,719	299,531
Blue (made for sale)	77,865	99,730
Green (made for sale and for interplant transfer)	110,610	73,375
Purple (made for sale)	37,746	30,903
Other (made for sale and for interplant transfer)	87,498	95,525
Coaltar color lakes, total	.....	1,899,614
Peacock blue, total production	931,143	.....
Made and consumed in same establishments	101,879	.....
Made for sale and for interplant transfer	829,264	473,842
Persian orange, total production	530,665	.....
Made and consumed in same establishments	195,552	.....
Made for sale[4]	335,113	131,543
Scarlet 2r, total production	380,245	.....
Made and consumed in same establishments	38,297	.....
Made for sale and for interplant transfer	341,048	110,657
All other, total production	1,880,847	.....
Made and consumed in same establishments	311,070	.....
Interplant transfers	30,877	35,950
Made for sale	1,538,900	1,147,613
Inorganic water-pulp colors (made for sale and for interplant transfer)	2,558,938	252,829
Organic water-pulp colors (made for sale and for interplant transfer)	5,263,960	553,884
Other dry colors, total production	1,746,094	.....
Made and consumed in same establishments	509,745	.....
Made for sale and for interplant transfer	1,236,349	244,162
White lead (basic carbonic and sulphate), for sale and for interplant transfer:—		
1935	116,794,792	5,863,991
1933	101,679,283	4,921,661
Lead oxides, total:—		
1935	.....	11,720,159
1933	.....	8,407,930
Litharge, total production:—		
1935[2]	165,589,828	.....
Made and consumed in same establishments:—		
1935[2]	14,741,771	.....
Made for sale and for interplant transfer:—		
1935	150,848,057	7,733,737
1933	114,777,852	5,517,314
Red lead, minimum, and other lead oxides:—		
1935	67,192,095	3,986,422
1933	50,200,092	2,890,616
(Figures for all products named below refer to production for sale and for interplant transfer):—		
Zinc oxide (Chinese white and zinc white):—		
1935	257,203,951	12,774,159
1933	246,662,932	12,141,970
Lithopone:—		
1935	322,639,266	14,297,118
1933	273,306,487	11,695,715
Iron oxides (natural, synthetic, and other):—		
1935[3]	112,423,238	3,079,206
Other mineral colors[5]:—		
1936[6]	273,778,918	20,075,736
Fine color pigments (including vermilion and ultramarine):—		
1935[3]	7,461,339	1,542,289
Whiting:—		
1935[3]	125,351,666	829,573

[1] Includes data for colors and pigments for which separate figures comparable with those given for 1935 are not available, as follows:—

	Pounds.	Value.
1933	$423,901,474	$25,009,251

[2] No data for 1933.
[3] Not reported separately for 1933; included in figures given in footnote 1.
[4] No interplant transfers reported.
[5] Includes zinc sulphide, barytes, and mortar colors.
[6] Not reported separately for 1933; included in figures given in footnote 1.

Brazil Oiticica Elects New Executive Group

Brazil Oiticica, Inc., sole selling representative in the United States for Brasil Oiticica S.A., has been reorganized and has moved its offices from Long Island City to larger quarters at 80 Broad street, this city. The new officers of the company are:—President, H. B. Marvin; vice-president, D. Bregman, formerly of the Brazil Wood Oil Corporation; treasurer, J. A. Brudermann, and secretary, Myron Marvin. H. A. Gardner, jr., will continue as national sales representative.

M. E. Marvin, president of Brasil Oiticica S.A., has left by airplane for Fortaleza. He will spend a short time in the north of Brazil and will inspect the two new oiticica oil plants now under construction in Mossoro, State of Rio Grande do Norte, and at Pombal, State of Parahyba. He will arrive in Fortaleza just in time to see the big solvent extraction plant go into operation on the 1937 crop.

Neville Offers New Plasticizer

The Neville Company, Pittsburgh, is offering to the trade a new odorless water-white plasticizer for varying industrial purposes, called "Nevillite Oil." It is described as a high solvent strength, non-volatile solvent and plasticizer for chlorinated rubber coatings, pyroxylin lacquers, plastic compounds, fly-paper, adhesives, printing inks, dyes, caulking compounds, water-proofing compositions, rubber resin finishes, aluminum pastes, and wherever an unsaponifiable, neutral, substantially non-drying oil is required.

Oils, Fats and Waxes

Coconut Oil Higher With Copra—Babassu Also Advanced—Further Decline in Cottonseed Oil—Lard Stocks Still Gaining—Crude Sardine Oil Up — Tallow Remains Firm

Changes in quotations on miscellaneous oils, fats and greases were about evenly divided between advances and reductions, but the improvement in the tone of the market noted in the previous period continued in evidence last week. Offerings of many commodities were light throughout the week, and an upturn in products which compete with cottonseed oil in the face of a further decline in the latter commodity was regarded by some as rather significant. The monthly cottonseed report from the Census Bureau indicated a much larger consumption of cottonseed oil during January than many had expected.

Coconut oil was an interesting feature of the list of vegetable products. Prices were advanced owing to a recovery in copra, the position of the latter product being described by some in the trade as tight. Developments in coconut oil were reflected in a stronger market for babassu oil. Edible cottonseed oil was reduced moderately by refiners. A further advance occurred in chinawood oil, the markets here and on the Pacific Coast being influenced by a stronger primary situation. A somewhat better inquiry was reported for oiticica oil. Olive oil quotations remained nominal owing to the smallness of stocks and uncertainty as to future supplies.

Offerings of crude fish oils continued to be reported as very light and quotations on refined oils were maintained at former levels. Sales of crude sardine oil were reported at a further advance. Oleo oil was reduced by producers, but quotations on lard, neatsfoot and tallow oils were stationary. Stearic acid met with a fairly active demand and the market continued to present a firm appearance. Lard prices here were irregular in company with futures. Stocks of lard in Chicago showed a further material increase during the first half of February. Offerings of tallow were light and the market retained a firm tone, quotations still covering an unusually wide range.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Babassu oil, ¼c. per lb.
Beeswax, crude yellow, African, 1c. per lb.
Brazilian, 1c. per lb.
Chilean, 1c. per lb.
Chinawood oil, ¼c. per lb.
Coconut oil, ¼c. to ¾c. per lb.
Copra, ½c. per lb.
Palm oil, softs, ¼c. per lb.
Sardine oil, crude, 2c. per gal.

Reduced

Carnauba wax, No. 1 yellow, ½c. per lb.
No. 2 yellow, 1c. per lb.
No. 3 N. C., ½c. per lb.
refined, 1c. per lb.
Corn oil, crude, ¼c. per lb.
Cottonseed oil, edible, 32½c. per 100 lbs.
Lard, 25c. per 100 lbs.
Oleo oil, 50c. per 100 lbs.
Palm oil, Niger, shipment, ⅝c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.8	154.6	161.4	123.8

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—A firmer tone developed, the market apparently being influenced by a rather sharp recovery in coconut oil. Local sellers of babassu oil quoted 10¾c. per pound in tankcars for forward delivery, an advance of ¼c. Demand was reported as good and production continued to move steadily into consuming channels.

Chinawood.—Domestic markets continued to display firmness as the trend of prices at Hankow was again upward at times with primary shippers apparently disinclined to offer very freely. The attitude of Chinese exporters was regarded as giving color to reports in circulation here recently to the effect that stocks abroad are smaller than generally assumed and likely to remain so until transportation facilities materially improve. Domestic markets were more active last week. Transactions locally did not involve important quantities, but there were numerous inquiries in the market and in some quarters the opinion was expressed that consumption this season is going to be considerably larger than in the previous season and that evidences in this connection will become more noticeable as the season advances. Buying interest last week was confined mainly to Spring deliveries and business was reported to have been closed in these positions at prices which showed an advance of about ¼c. per pound over the previous week. Spot and nearby oil was held at rather firm premiums over distant positions.

Coconut.—With the trend of copra upward at times, the markets for coconut oil here and on the Pacific Coast continued to display firmness. Local sellers advanced crude oil for spot and nearby delivery to 9½c. per pound in tankcars, a rise of ¾c. Futures were not openly quoted owing to uncertainty as to future supplies of copra. Some large blocks of the latter product were reported to have been sold last week, partly to European interests. Edible coconut oil was also stronger, the tankcar price for 76 degrees being advanced to 14¼c. per pound, tax included. There was a fairly active inquiry for refined oil, but business in crude remained slow. It was announced from Washington last week that the U. S. Supreme Court is to pass upon the constitutionality of the three-cent processing tax on coconut oil, two soap manufacturing concerns having appealed the decision of lower courts upholding the tax.

Corn.—Developments in cottonseed oil were reflected in a somewhat easier tone in the market for crude corn oil, quotations being shaded ¼c. per pound. Offerings continued light, however, and prices were still largely nominal. There was a fairly active demand for refined oil and the market remained firm.

Cottonseed.—Edible oil was easier, quotations being reduced 32½c. per 100 pounds by refiners. There were reports of a somewhat better inquiry from local and other consumers.

Oiticica.—The strength of chinawood was reflected in a firm tone in the market for oiticica oil. Spot supplies appeared to be rather light. The inquiry was somewhat better.

Olive.—Quotations were still generally nominal owing to the smallness of stocks and uncertainty concerning future supplies. The Italian government has placed a tax of 150 lire per quintal on all olive oil exports in order to insure that sufficient oil is left in Italy this season for the country's domestic requirements.

Palm.—Niger oil was nominal so far as spot product was concerned, the market apparently having been cleared of supplies. Shipment quotations covered an unusually wide range and were regarded by some as largely nominal. Quotations on softs for bulk shipment were about ⅛c. per pound higher.

Perilla.—Buying interest was stimulated to some extent by the strength of chinawood oil and some business was said to have been closed at 11c. per pound on spot in tankcars though it was said to be possible to purchase at a fraction under that figure. Supplies on spot, however, appeared to be comparatively light.

Rapeseed.—Sales were reported on spot at 85c. per gallon and that appeared to be a minimum quotation. The market abroad was reported as stronger, making the replacement cost around 90c. per gallon.

Soybean.—Quotations were maintained by domestic producers at the levels prevailing in the previous week, the tone of the market apparently being steady. Consumption was said to be holding up well although new business last week was reported as quiet.

Markets at Other Centers

San Francisco, Feb. 17.—A sharply rising copra market, together with new rumors that the Supreme Court might soon review the tax situation on coconut oil went hand in hand here during the last few days, but a very active demand for the latter product, the market rising three-quarters of a cent. Large buying interests were said to be making their pressure felt. At the same time the balance of the vegetable oil market last week went through practically an unchanged period, prices reflecting no particular trend, and the market remaining largely nominal. The feature of the situation revolved around coconut oil. Mills were at high production peak, busy on thousands of tons of spot copra tied up during the 100-day shipping strike and oil was going out against long overdue contracts. There remained but very little prompt shipment oil for sale, trading being for futures.

Ruling prices are:—

BABASSU.—With babassu nut shipments unloaded since the strike, this oil once again appeared on the market, being quoted at 11c. per pound, spot to April-May shipment in tankcars, f.o.b. mill, Pacific Coast.

COCONUT.—Strong, the market reaching 8⅜c. per pound, f.o.b. Pacific Coast in tankcars, future shipment, on sales made here yesterday after reported business earlier in the period at 7⅝c. The spot market still remains tight. Mills are busy on copra held up during the strike.

COPRA.—Rapid advancement in the copra market was seen here during the past few days, the market rising from a price last week of 4.75c. to a position of 5.40c. today, where considerable demand is in evidence. Reports of short stocks and rather heavy European buying interest have filtered into this market as one of the reasons for the price rise. In any event, the market remained active during all stages of price increase last week. crushers here at the same time being reported as selling ahead rather heavily on oil.

CHINAWOOD.—Steady after a slight easing. Spot or February oil quoted today at 14⅜c. per pound in tankcars, f.o.b. San Francisco. March forward, into July-August, quoted for shipment from the Orient at 14⅛c. per pound.

COTTONSEED.—Steady and unchanged. Semi-refined foreign oil is quoted as follows:—Brazilian, 10.55c. per pound, duty

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed IVORY BRAND
RED OIL (OLEIC ACID)
RUBY OLEINE BRAND (distilled)
STAR BRAND (saponified)
CANARY BRAND (very pale yellow, especially suitable for best types of dry cleaners' soaps.)
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paid in tankcars, f.o.b. Pacific Coast; Japanese, 10¾c. per pound, February-April shipment from the Orient, subject to steamer space being available.

PERILLA.—Steady, with the spot market reported as bare. For shipment from Japan, quoted on the basis of 10½c. per pound in tankcars, f.o.b. Pacific Coast, March-April shipment.

TEASEED.—Quoted at 10¼c. per pound in drums, c.i.f. Pacific Coast for April-May shipment from the Orient.

SESAME.—Purely nominal crude oil is quoted at 10¾c. per pound in tankcars, f.o.b. Pacific Coast.

Chicago, Feb. 19.—There is steadiness in the general vegetable oil market, while buyers and sellers conduct a continuation of the general waiting policy, each trying to out-stay the other. Buyers are coming in with orders for limited lots, but only such purchases are being made as are absolutely necessary. On the other hand, the market seems reasonably steady for most items, as sellers do not wish to sacrifice their values. Coconut is somewhat stronger, peanut a little easier in spots. Other products are mostly marking time, without much feature.

COCONUT.—Crude oil, 8¾c. to 9c. per pound, prompt shipment; 7⅞c. to 8c., deferred, Coast basis. Refined, edible oil, 14¼c. to 14½c. per pound, drums, car lots; and 15c., drums, less than car lots.

CORN.—Crude, low acid, 10⅛c. to 10¼c. per pound, mills, partly nominal. Refined, edible oil, 13¼c. to 13½c. per pound, drums, car lots; and 13½c. to 14c., drums, less than car lots.

CHINAWOOD.—Ruling, spot, drums, 15⅞c. to 16c. per pound; futures, 14⅜c. to 14½c.

SOYBEAN.—Crude, deferred shipment, 9⅞c. to 10c. per pound, drums.

PEANUT.—Crude, 10¼c. to 10⅜c. per pound.

Chicago, Feb. 19.—Range for soybeans for the week ended Feb. 18:—Spot, high, $1.60¼; low, $1.60.

London, Feb. 11.—Soybean oil, British crude, 35s. 6d. per hundredweight; palm kernel oil, refined, 43s. per hundredweight; rapeseed oil, crude extracted, 35s. 6d. per hundredweight; coconut oil, Ceylon, 37s. per hundredweight; peanut oil, Bombay, crude, 32s. 6d. per hundredweight.

Linseed Oil

Price movements in foreign and domestic markets for flaxseed last week were generally within moderate limits. Linseed oil, cake and meal were steady.

Flaxseed—DULUTH, Feb. 19.—Flax futures developed sudden softness early this week following a prolonged period of quiet and steady markets. Withdrawal of support resulted in losses ranging up to four cents. Country marketings continue at a limited pace, with inquiry in the cash market continuing steady to firm. Premiums for future arrivals are being maintained.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.29	$2.19	$2.19
Monday	2.29	2.19	2.19
Tuesday	2.26½	2.16½	2.15
Wednesday	2.25½	2.15½	2.15½
Thursday	2.25	2.25	2.15
Friday	2.25	2.15	2.15

Crop movement in bushels follows:—

	Receipts 1937.	Receipts 1936.	Shipments 1937.	Shipments 1936.
This week	.....	6,407	6,340	....
Since Aug. 1	952,288	3,550,410	929,449	2,405,176

MINNEAPOLIS, Feb. 19.—Domestic flaxseed came to market in moderate volume during the week and found sluggish outlet, chiefly on account of quality and partly because of cheap Argentine offers of much better oil yield. One crusher picked out the best quality and paid up fairly well for it while others took the poorer stuff if offered at bargains. On Tuesday the market declined 2c. compared with futures because of fresh Argentine offers of very good quality. Receipts of imported seed increased that day and fresh lots are in transit to this market. So far there has been no demand from seed houses for flax this season.

Crushers are depending on their Argentine purchases to operate on during the balance of the season. Some of the domestic seed will probably be mixed off with this imported quality and disposed of and some will be purchased for May delivery. It looks as though there would be a very poor demand for other than choice domestic seed from now on.

Local public elevator stocks decreased 15,000 bushels in four days. Most of the Argentine seed arriving is going to private storage.

Spot No. 1 seed is quoted at 2c. to 8c. over May, mostly 2c. to 5c. over. A car of good Minnesota quality with 20 percent of dockage sold at 6c. over May on Tuesday.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.33	$2.23	$2.20
Monday	2.30	2.20	2.18
Tuesday	2.26	2.18	2.16
Wednesday	2.23	2.17	2.15
Thursday	2.23	2.17	2.14
Friday	2.22	2.16	2.13

Crop movement in bushels as follows:—

	Receipts 1937.	Receipts 1936.	Shipments 1937.	Shipments 1936.
This week	61,280	24,000	8,000	35,010
Since Sept. 1	2,122,840	7,067,360	322,350	1,009,460

BUENOS AIRES, Feb. 19.—Opening prices per bushel on March contracts were:—

	Last week.	Last year.
Saturday	$1.18	$1.19⅝
Monday	1.17⅞	1.19⅝
Tuesday	1.17⅞	1.19¼
Wednesday	1.18	1.19½
Thursday	1.18⅝	1.19¾
Friday	1.17¾	1.19¾

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States	504,000	1,020,000	287,000
United Kingdom	71,000	47,000	.....
Continent	598,000	398,000	575,000
Orders	398,000	1,098,000	307,000
Others	.....	228,000	70,000
Totals	1,571,000	2,791,000	1,239,000

Since January 1

To—	Bushels This year.	Last year.
United States	5,941,000	2,354,000
United Kingdom	271,000	197,000
Continent	3,130,000	4,787,000
Orders	4,732,000	4,102,000
Others	306,000	177,000
Totals	14,380,000	11,617,000

Visible Supply

	Bushels.
Last week	6,299,000
Previous week	6,496,000
Last year	3,937,000

WINNIPEG, Feb. 19.—Flaxseed quotations were irregular with the trading quiet. The week's closing range was as follows:—

	Cash.	May.	July.
Saturday	$1.72⅞	$1.73⅝	$1.73
Monday	1.71⅝	1.72⅝	1.71⅞
Tuesday	1.69⅝	1.70⅛	1.70⅛
Wednesday	1.71½	1.72	1.70⅜
Thursday	1.70¼	1.70½	1.70¼
Friday	1.70	1.70½	1.70⅜

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom	52,000	44,000	188,000
Continent	.....	96,000	4,000
Others	4,000	12,000	.....
Totals	56,000	152,000	192,000

Since April 1—	Bushels This year.	Last year.
United Kingdom	8,616,000	3,524,000
Continent	996,000	716,000
Others	676,000	868,000
Totals	10,288,000	5,108,000

HULL, Feb. 19.—Quotations on flaxseed were:—

	Per ton La Plata.	Per ton Bombay.
Saturday	£11⅜	£14¼
Monday	11⅜	14⅛
Tuesday	11⅜	14⅛
Wednesday	11⅜	14
Thursday	11⅜	14
Friday	11⅜	14

Linseed Oil.—The market had a steady or firm tone, although reports were in circulation at one time to the effect that some business had been closed early in the week at concessions. As a rule, however, crushers were not inclined to shade the inside quotation of 9.3c. per lb. for tankcars.

Much of the time the market was rather quiet so far as new business was concerned. There was a steady movement into consuming channels on unfilled contracts, however, deliveries being on a sufficient scale to prevent any additions of consequence to supplies at the mills.

Advices from some outside points reported an expansion in withdrawals on contracts and also an increase in new business. Consuming manufacturers in some of the areas recently flooded have resumed operations and this was said to account for much of the improvement in the linseed oil situation.

Demand for domestic cash flaxseed in northwestern markets was lighter and cash premiums over futures narrowed. The slowing down of demand was attributed to increased supplies or Argentina seed. The quality of the imported seed was said to be considerably better than the domestic seed now being marketed.

Receipts of flaxseed at New York last week was heavy, amounting to 1,282,093 bushels. All of the seed arrived from Argentina where the United States is reported to have been a large buyer in recent weeks. According to some the arrivals at this port will probably be liberal during the next few weeks. Philadelphia reported arrivals last week of 108,400 bushels.

Shippers in Argentina were said to be holding bullish views as to probable course of prices during the spring and summer months owing to the belief that Europe will be compelled to enter the market there for liberal supplies later on. Unsold stocks in India are said to be small as the exports from that country thus far this season have practically equalled estimates of the crop issued earlier in the season.

MINNEAPOLIS, Feb. 19.—Demand for linseed oil picked up noticeably this past week with sales of tankcars and small round lots much in evidence. Cooperage car lots sold more freely and small lot trade was fair to good. Interest was much stronger on account of the settlement of the automobile strike and the subsiding of flood waters through central and southern states. Manufacturers in the flooded area are operating more freely now and in addition to buying fresh lots of oil are furnishing their instructions on old and maturing contracts more freely. In general the situation is much better than for many weeks past and crushers are using up some of their accumulated supplies of oil now.

Because of the idea that the real Argentine pressure is over buyers are beginning to show greater interest in deferred shipment. Recent sales were made for shipment ahead of June 1 but a few contracts were made for later delivery. Crushers here are operating about 75 percent of their capacity and currently are held in check by the lack of demand for their meal.

Quotations on carload lots, f.o.b. Minneapolis, February-May shipments, cooperage car lots, 10.3c. per pound, tankcar lots 9.7c. per pound, warehouse lots 10.7c. per pound.

Shipments of oil in pounds were as follows:—

	1937.	1936.
This week	1,628,449	2,206,984
Since Sept. 1	27,962,526	48,890,870

CHICAGO, Feb. 19.—The linseed oil market has shown no particular change in general aspect. Tone is fairly steady. A good deal of optimism is reported in some circles with reference to the anticipated demand. Most business is in the limited lots of material. Ruling prices are:—Tankcar, 9.5c. per pound; car lots, 10.1c.; warehouse deliveries, drums, 10.7c.

SAN FRANCISCO, Feb. 17.—Conditions within the linsed oil market underwent practically no change last week, the whole situation lining up rather quietly while buyers as a group remained out of the picture. Contract withdrawals were rather light, in spite of new business that was thought to be opened up by the termination of the strike. Quoted:—Tankcars, 9.7c. per pound; drum car lots, ex mill, 10.3c. per pound; drum lots ex warehouse, 10.7c.

Cake and Meal.—A steady tone prevailed in the market here. Advices from some outside points reported an easier situation as a result of an absence of demand of consequence. Supplies locally are small, however, and quotations were maintained, the figures being largely nominal. Fewer domestic and foreign inquiries were received.

MINNEAPOLIS, Feb. 19.—Demand for linseed meal is about the poorest of the season and prices are very weak in tone. Re-sellers forced the situation in their efforts to get shipping instructions on maturing contracts due the last half of January and the first half of the present month. Buyers are generally indifferent and competition to sell resulted in a dip of $2.50 for the week ending today. There is no stable market at the moment and no outlet for important quantities. crushers now have a surplus to dispose of, but are not trying to compete with the re-sellers.

Quotations on carload lots f.o.b. Minneapolis, 34 percent protein in 100 pound sacks, $42 to $42.50 per ton.

Shipments of meal in pounds were as follows:—

	1937.	1936.
This week	2,012,785	4,090,014
Since Sept. 1	51,494,604	96,171,581

CHICAGO, Feb. 19.—Considerable easiness seems to have been developing in the linseed meal market, with plenty of offerings, in such fashion as to cause a scaling down of values. Round lot activities remain limited, with most buyers interested in small quantities. Ruling prices are:—Round lots, $45 per ton, largely nominal; car lots, $45 to $45.50; less than car lots, $47 to $48.

LONDON, Feb. 19.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	27	1½
Monday	27	1½
Tuesday	27	0
Wednesday	26	10½
Thursday	26	9
Friday	26	9

Cottonseed Oil

A further decline occurred in cottonseed oil futures. Trading was active. Price movements in southern markets for cottonseed products were comparatively small.

Cottonseed Oil. — Trading in refined cottonseed oil futures in the local market was much more active last week, but the increased activity was at the expense of values, the trend of prices being downward under general selling on fresh bearish developments in the lard situation which continued to be the dominating factor. There was further liquidation of cottonseed oil for account of longs everywhere. Bears hammered and uncovered stop loss orders, the execution of which hastened the downward movement. On the decline, shorts covered and there was fresh buying for account of commission houses and trade interests but the purchasing was not of an aggressive character and the market much of the time seemed to display little recuperative power.

The unexpectedly large consumption of refined oil during January as revealed by the monthly census report was more than offset by a further liberal addition to the already extremely heavy stocks of lard. Moreover, the government report on hog stocks was disappointing and the marketing of hogs continued on a comparatively liberal scale. A sharp advance occurred in copra and coconut oil, and babassu oil was also higher, but owing to the prevalence of bearish sentiment, developments of a bullish character had little effect. Some contend that the decline in cottonseed oil prices has more than discounted whatever there is bearish in the situation, that there is a marked shortage of oils and fats of various kinds in this and foreign countries and that a tendency now exists among traders in cottonseed oil to overdo the short side. However that may be, rallies in prices last week were generally small and temporary.

The monthly report from the Census Bureau showed that the consumption of refined cottonseed oil in January was 312,503 barrels. This compared with 338,861 barrels in the previous month, 190,825 barrels in the same month last year and 270,482 barrels two years ago. During the first six months of the current season the consumption was 1,681,540 barrels against 1,770,529 barrels in the same time last season. The visible supply showed a decrease during January of 147,100 barrels compared with a decrease in the same month last season of only 37,600 barrels. The total visible on January 31 was 2,108,600 barrels against 1,874,500 barrels a year ago. The quantity of seed still to come forward from this season's production was put at only 35,679 tons, against 268,444 tons a year ago.

The statement of lard stocks in Chicago showed an increase during the first half of February of 2,902,280 pounds against an increase of 2,767,718 pounds in the same time last year. Stocks there on February 15 were 102,-

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163,215 pounds against 32,028,653 pounds a year ago. The government report showed that stocks of hogs on the farms of the United States, pigs included, on January 1, 1937 were 42,774,000 head against 42,837,000 head in the previous year and 39,004,000 head two years ago. Receipts of hogs in the principal western markets for five days last week aggregated 295,000 head against 235,100 head for the corresponding period last year. The weight of the hogs received in Chicago during the week ended February 13 averaged 237 pounds against 234 pounds in the previous week and 233 pounds in the same week last year.

Refiners were credited with operations on both sides of the oil market last week. Foreign interests were buying to undo straddles originally made by sales of oil against purchases of lint cotton. Unfavorable reports were received from the South regarding the progress of preparations for the new cotton crop. Winter plowing has been delayed by frequent rains and in many sections farm work is said to be very backward. Dust storms were reported in Texas and Oklahoma last week. It was contended by some that damage to cotton from boll weevil and other pests during the coming season will probably be very extensive as a result of the unusually mild winter.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from February 13 to February 19, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
February ...	11.09	10.69	10.71@10.74	269
March	...	...	10.70 nom.	...
April	11.19	10.67	10.71 sale	411
May	...	...	10.75 nom.	...
June	11.25	10.76	10.79 sale	505
July	...	...	10.75 nom.	...
August	11.15	10.70	10.72@10.73	316
September ..	10.58	10.58	10.58 sale	6
Total sales (26 switches).....				1,533

Crude, Southeast, 9.75c. nom.
Valley, 9.75c. nom.
Texas, 9.62½c. nom.

Chicago, Feb. 19.—Values have receded slightly in late days in the cottonseed oil market here. Activities in the dealings in these materials have been restricted, with operators in buying and selling being cautious. Buying has been restricted to the filling of early needs, with perhaps a little easier tone noted in transactions. Good, off-Summer, yellow fig oil is ruling at 11¼c. per pound. Refined, edible oil is quoted at 13¼c. per pound, barrels, car lots; and 13¾c., barrels, less than car lots.

Hull, Feb. 19.—Quotations on cottonseed oil were:—

	Refined, Per cwt. s.	d.	Egyptian crude, Per cwt. s.	d.
Saturday	32	0	29	0
Monday	32	0	29	0
Tuesday	32	0	29	0
Wednesday	32	0	29	0
Thursday	32	0	29	0
Friday	32	0	29	0

Cake and Meal.—A steady tone prevailed in Southern markets and price movements were narrow. Offerings continued light. There was a fair demand. According to official statistics, production of cake and meal during the first half of the current season was 1,500,692 tons against 1,324,216 tons in the same time last season. Stocks at the mills at the close of January, 224,460 tons against 362,509 tons a year ago.

Markets at Other Centers

Atlanta, Feb. 17.—Cottonseed products are reflecting weakness of oil and hulls. Loose hulls are down to $12.50 per ton, with sacked at $14.50. Weather remains unfavorable for land preparation except in the lower cotton belt, where weather conditions have been more favorable. Meal is reported in active demand among fertilizer manufacturers and mixers.

Quotations are as follows:—

OIL.—Prime crude, 10c. per pound.

MEAL.—7 percent grade, $34 per ton, interior mills.

HULLS.—Loose, $12.50 per ton.

SEED.—$45 per ton, shipping points.

Memphis, Feb. 19.—Crude cottonseed oil ruled very quiet during the week. The last sales of any volume were at 10 cents. Today 9¾c. bid. Liquidation of refined oil contracts in New York has brought prices there below the crude parity. It is reported here that March tenders will be promptly stopped by large interests owning the oil. Meal in fair demand and steady at $34.50 per ton for 41 percent, Memphis basis, prompt shipment. Slab cake, $32 per ton for 41 percent, Valley points, February shipment.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	February 10.	February 18.
March	$33.75@—	$33.00@33.50
May	32.75@—	32.10@32.25
July	32.00@32.25	31.50@32.00
September	30.00@30.80	29.00@29.90

Animal Oils

Lard.—The market retained a steady tone, quotations being held by producers at the levels prevailing in the previous week. Trade was on a fair scale. According to official statistics, production during the last quarter of 1936 was 9,705,760 pounds; consumption 4,537,741 pounds; factory and warehouse stocks at close of December last 3,794,508 pounds.

Neatsfoot.—Quotations were stationary and the tone of the market appeared to be firm. There was a fair demand from local and other consumers. Production during the last quarter of 1936 was 1,625,264 pounds; consumption 1,681,206 pounds; factory and warehouse stocks at close of December last 1,901,176 pounds.

Oleo.—The tone was easier, quotations being reduced 50c. per 100 pounds. Trade was fairly active. Production during the last quarter of 1936 was 26,707,148 pounds; consumption 6,580,270 pounds; factory and warehouse stocks 4,326,292 pounds.

Tallow.—The market was quiet and steady. Production during the last quarter of 1936 was 2,243,218 pounds; consumption 1,728,591 pounds; factory and warehouse stocks 1,711,705 pounds.

Markets at Other Centers

Chicago, Feb. 19.—While the animal oils market has exhibited comparatively little pep, and has shown no particular tendency to broaden out, it appears to have been able to hold its own in fairly good fashion. At this time prices are ruling at or near the levels which have been in effect for some time. A fair amount of material of various grades is being taken out, according to current reports.

LARD.—No. 1, 11⅞c. to 12c. per pound.

OLEO.—No. 2, 12½c. to 12⅝c. per pound.

TALLOW.—Acidless, 10⅞c. to 11c. per pound, tanks; 12⅛c. to 12¼c., drums, less than car lots.

Fish Oils

Menhaden.—No change was noted in the character of business in refined oil last week but the market retained a steady tone and quotations were maintained at previous levels. Consumers were generally disposed to limit their purchases to comparatively small quantities to fill current needs, the call for such lots being fair. There were no new developments in the crude situation. Unsold supplies are said to be very small and primary quotations were nominal.

Sardine.—Sales of several tanks of crude oil were reported on the Pacific Coast at 52c. per gallon, showing an advance of 2c. and establishing what was said to be a new all-time high price. The indications were said to point to a considerably smaller production for the season than was indicated a while back. The local market for refined oil was fairly active in a jobbing way and the tone remained firm.

Whale.—A fair inquiry was reported for refined oil though purchasing was apparently limited to comparatively small or moderate quantities for prompt shipment, consumers being disinclined to anticipate to any extent. A report from London stated that crude oil was firm at £25 per ton for No. 1 in tank-cars, Rotterdam basis. German interests were said to be negotiating there for the purchase of 100,000 tons of new crop oil but was not inclined to bid above £23 per ton, or £2 below the asked price.

Markets at Other Centers

San Francisco, Feb. 17.—Ending of the sardine reduction season in Northern California was an event of the past week here, with the added feature of sardine oil finally reaching a point of 52 cents per gallon with the sale of three or four tank-cars at production point. The price paid was undoubtedly an all-time record for ordinary grade material and the oil was said to have been sold through first-hand producers. Resale oil on the market evidently did not figure in any business. In any event, presence of second-hand material was not generally advertised.

Last week also brought the realization that the seasonal production of sardine oil will be further short of the expected volume. January figures, not as yet released, will undoubtedly show a very poor reduction month and the trade here expects February to be practically "a blank." Poor weather has been largely responsible. Although the San Pedro area has yet another six weeks to go, prospects of very much oil reduction in that area are rather dim, it is declared. The situation as summed up today in the trade would tend to reveal that the season now closing will be perhaps no better than the last two seasons, when approximately 2,700 tanks of oil were produced in each. In any event, the figures, when completed on the 1936-37 season will not reach the 3,000 mark, so confidently expected a short time ago. Originally, at the start of the season, when the California Fish & Game Commission made the announcement of practically unlimited tonnage allowances for the shore plants, it was predicted that the industry would in all probability reach a total of 4,000 tanks, taking into consideration the oil manufactured by the floating reduction plants. The Commission granted each land plant 1,000 tons of fish per month for straight reduction purposes this past season in order to place them on a competing basis with the "floaters." None of the plants, however, were able to get their full quotas because of the combination of bad weather and lack of fish.

Holdover oil is a questionable item at the present. There is some in resellers' hands, but the amount is probably small.

Baltimore, Feb. 17.—Trading is menhaden fish oil continues in a state of suspension, with no new transactions reported and with matters at the factories down the Chesapeake Bay at a standstill. The weather, which had been exceptionally mild, though rainy, for weeks, turned suddenly into a decidedly wintry aspect, and the first heavy snow of the season yesterday not only held up activities, but threw traffic into a state of confusion. Under the circumstances, it was not to be expected that inquiries in any number would be received from potential buyers of oil, and the subject was virtually dismissed from consideration. Neither side is giving out quotations, though the belief prevails that offers of around 37 or 38 cents per gallon might bring out a little oil. The big soapers for their part are not in a mood to offer such a price, while the sellers manifest indifference to lower estimates and could probably not be prevailed upon to consider them. The fishing companies that operate off the coast of Florida may feel inclined to entertain inquiries, but for the present the indications are that the uneventfulness will continue for an indefinite period.

Fats and Greases

Grease.—The market retained a firm tone. There were reports of a somewhat better inquiry from local and other consumers. Offerings of all grades were reported as light.

Lard.—Domestic cash trade was quiet, the frequent fluctuations in futures making consumers inclined to limit their takings as a rule to comparatively small quantities. Export trade was also quiet. Stocks of lard in Chicago February 15 were 102,163,215 pounds against 99,260,935 pounds February 1 and 32,028,653 pounds a year ago. Receipts of hogs in the principal western markets were larger than last year.

Stearin.—Demand was quieter but offerings were light and the market retained a steady tone, quotations being stationary.

Tallow. — Quotations continued to cover an unusually wide range, but the last transaction officially reported was on the basis of 8¾c. per pound, f.o.b. for extra. Higher prices continued to be named in some selling quarters, however, the range extending up to 9½c. Offerings here continued to be reported as light. Supplies among resellers were said to be small.

Following is a record of the market for tallow futures on the New York

(Continued on page 47)

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Baker's fine chemicals

Drugs, Fine Chemicals

Agar Agar Rises Sharply as Stocks Shrink Everywhere—Decline in Cocoa Butter Checked and Values React Upward —Menthol Up—Quicksilver Lower Here

Business continued to be active in the market for drugs and fine chemicals. The leading producers of these entities were busy not only in supplying merchandise against incoming orders but also in securing an output sufficiently large to permit a steady increase of inventories of reserve stocks. It has been felt that inventories were too low when compared with present consuming capacity of the nation and the probable expansion in requirements in the future. Hence, plants were operating intensively and even though sales volume took up much of the output, there was still something to go into inventory reserves.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Agar, agar, No. 1, 15c. per lb.
No. 2, 15c. per lb.
No. 3, 8c. per lb.
Cocoa butter, ¼c. per lb.
Menthol, 5c. per lb.

Reduced

Quicksilver, $1 per flask.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
181.7	181.5	181.5	187.2

Market news that may have developed after this report was sent to press will be found on page 4.

Pricewise, there were no changes in quotations on the major items classified as drugs and fine chemicals. However, certain raw materials were in so substantial a demand, and the replacement costs on the same were so high, that spot quotations were advanced sharply. Among such articles was agar agar. The last crop was a small one. Demand has shrunkun reserves in Japan and forced shipment prices steadily up. Spot quotations jumped sharply and trading was active not only between importer and consumer, but also between dealers, and importers, too.

The decline in cocoa butter was checked. In fact, a fractional rise from the low point was noted. Menthol for shipment was much firmer and spot dealers raised prices to a point fully warranted by replacement cost. However, substantial quantities of low cost goods were coming forward and the future was uncertain.

Quicksilver was down somewhat in keeping with the absence of much demand. However, stocks were still low and prices abroad were high and very firm. Production in the west was light. Mercurials remained firm.

Acid, Acetylsalicylic.—Business was steady in all respects last week and volume was maintained at levels comparing favorably with that noted in recent periods. Fundamentally, the market was declared to be firmly placed with prices lacking signs of change.

Acid, Citric.—A slight improvement in movement was noted. Some manufacturing consumers appeared to be anticipating some of their early Spring needs and placed orders that built an improved volume of trade by the close of last week. The market was steadier.

Acid, Gallic.—Steady movement was reported on spot and the market kept a firm undertone throughout the past week. Competition was negligible as the cost of production fully warranted the prices prevailing on all transactions in N. F. acid during the past week.

Acid, Phosphoric.—The call for USP grades of acid was very good and the entire situation was one favorable to the firm maintainence of quotations named by the principle producers. Stocks appeared to be ample for all needs.

Acid, Tartaric.—Demand came to the spot more evenly and smoother during the past week. A steady flow of orders was the rule even though individual quantities involved were usually conservative in size. The outlook favored improved sales with the arrival of Spring.

Agar Agar.—A strong market prevailed. Small stocks in Japan were held for prices often times higher than the minimum of spot quotations, which were higher last week. Only competition has prevented a full advance of spot values to a level warranted by replacement costs. Some dealers have gone all the way and refuse business offered at less than a fair advance over replacement quotations. No. 1 was quoted 95c. to $1 per pound; No. 2, 90c. nominal; No. 3, 70c. to 75c.

Alcohol.—Industrial users were prominent takers of normal quantites of all formulas of denatured alcohol. Leading producers indicated that the requirements of all such buyers were substantial and during the past week they built an excellent volume of business. Pricewise, the market appeared to be steady. Trading at current levels has yielded a more satisfactory return to the producers and that has tended to make for a more stabilized situation generally. Some concern was felt garding the possible amout of anti-freeeze alcohol unsold in the hands of distributors. The Winter has not been one entirely favorable for them and some producers felt that the dealer-jobber carryover would be one of substantial size.

Aloin.—Increased plantings of the plants from whence come gum aloe have been reported from the primary market to the south and, hence, there is a chance that ultimately a return of larger crops of aloe may result in lowering of the production cost of aloe. The market continued to be steady to firm throughout the past week.

Ammonia Citrate.—Business was about normal. The call was routine in character and covered prompt requirements in the majority of cases. Prices continued to be steady in all quarters as the market lacked little in the way of competition.

Antipyrene.—Beyond being steady, the call for this article lacked feature last week. Buyers were in the market for quantities that were normal in size and about level with their usual takings. Prices were reported to be in steady position and they were also generally on the side of firmness.

Bay Rum.—Unsold stocks were comparatively small. Furthermore, they were not likely to be increased substantially as much of the material due to arrive has been already sold into jobbing and distrubuting channels. Hence, the position of the article remained nominal on spot.

Bismuth Metal and Salts.—The market was very steady. Absorption of the output of metal was about even with the prodluction at the mines and, hence, there was no change of weakness developing in the position of raw material. Salts were correspondingly firm in price and they were subject to an entirely normal request.

Camphor.—Conditions were productive of very steady prices on the spot. Japanese advices totally lacked any suggestion of price unsettlement. European synthetic material was well held abroad and firm on the spot, selling at prices identical with the home product. A fairly good request prevailed in all quarters. Imports of crude camphor in December last totaled 132,805 pounds from Japan. Also, 73,062 pounds of refined reached here from that country. Germany sent 120,888 pounds of synthetic material.

Castor Oil.—A firm market prevailed locally. In keeping with raw material costs, producers of this oil maintain values fully and reported a steady absorption of production into consuming channels. No early change in values was forecast last week.

CHICAGO, Feb. 17.—Castor oil is quiet and without important feature. The volume of business makes a good comparison with that noted previously, but there is no particular snap to activities at this time. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots,

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

METHYLENE CHLORIDE
(Dichlormethane)
•
also
Low Boiling Chlorinated Solvents
•
Write us for quotations
BELLE ALKALI COMPANY
Belle, W. Va.

CAMPHOR U.S.P.
SYNTHETIC
Available in ALL FORMS:
TABLETS, ½ oz., 1 oz. SLABS, 2½ lb. POWDER
For Samples and Prices Write to
SHERKA CHEMICAL COMPANY, Inc.
BLOOMFIELD, NEW JERSEY—Importers
or
GEORGE UHE COMPANY
80 Eighth Avenue, New York, N. Y.—Distributors
OUTSTANDING EVENT!
12TH ANNUAL BANQUET of the Drug, Chemical and Allied Trades Section of the N. Y. Board of Trade to be held Thursday, March 4th at the Hotel Waldorf-Astoria. See you there!

HEYDEN
fine chemicals
FORMALDEHYDE
PARA FORMALDEHYDE
HEXAMETHYLENETETRAMINE
Acetyl Salicylic Acid
Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
Benzoate of Soda
Benzyl Chloride
Benzoic Acid
Benzaldehyde
Bromides
Silver Proteins
Glycerophosphates
FINE HEYDEN CHEMICALS
HEYDEN CHEMICAL CORP.
50 UNION SQUARE NEW YORK, N.Y.
CHICAGO BRANCH: 180 N. WACKER DRIVE
factories: CARFIELD, N.J. - PERTH AMBOY, N.J.

11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Codeine.—The past months have been active periods in which demand rose to normal levels. This year, producers of these salts had little difficulty in keeping up with demand as their stocks of raw material were adequate to meet their requirements. Further imports of raw material were substantial in size last week and guaranteed a working stock entirely sufficient.

Cocoa Butter.—The market firmed up slightly, checking the recent sharply declining trend and finally bringing prices fractionally to the basis of 26¼c. per pound for bulk goods in car lot quantities. Demand, however, was occasional and usually irregular throughout the period.

Corn Syrup.—Stability in price has been the feature of this article for many weeks and information in hand last week failed to forecast an early change in that aspect of the market. A very good demand prevailed and a seasonal gain during the Spring months was expected.

Cream of Tartar.—Prices held without open change but it was said that competition from foreign sources of supply continued to disturb the market and to make the future of the material still uncertain.

Glycerin.—The market continued to be strong. Undersupply contended with excellent demand and the result was that buyers were unable to place prompt delivery orders with the producers. Production has been well sold ahead and nothing in the picture at this time seems to promise an early return of a normal reserve inventory whereby producers of crude and makers of refined glycerin could meet demand of all kinds promptly and freely. Cost of crude, dynamite, and chemically pure glycerin abroad was still higher than on spot. Spot quotations remained nominal in the strictest sense of that term. Production of crude, dynamite grade, and chemically pure in 1936 compared with 1935, together with statistics covering stocks on hand on December 31, imports and exports appear elsewhere in this issue of the REPORTER.

CHICAGO, Feb. 17.—The c.p. glycerin market is subpect to considerable less pressure than recently. A fair amount of spot business continues to be reported, in addition to the good flow of contract orders. Buyers are keeping in close touch with the market. Ruling prices are:—C.p., drums, car lots, 29c. per pound; drums, less than car lots, 29½c.; cans, less than car lots, 30c. to 32c., according to quantity; dynamite, car lots, 29c.

Menthol.—The spot market was $3.35 to $3.50 per pound according to quantity and apparently the situation was firm thereat in keeping with what it costs to replace in Japan at this time. However, the pending arrival of substantial quantities of material bought in Japan when prices were much lower constituted a factor in the situation that made the future somewhat uncertain.

Mercurials.—Although raw material was down slightly last week, prices on mercurials continued on a firm basis. Demand for the items having largest sale was active and substantial while those figuring in a smaller sales volume moved steadily in routine fashion.

Methanol.—Fair demand and, steady prices were the rule so far as natural methanol was concerned. The movement was up to that in recent weeks and prices prevailed in firm fashion throughout the period under review. Not much was heard about excessive competition, a condition which was productive of lower prices in the not far distant past.

Methyl Acetone.—The movement was routine in character but tonnage moved was said to be satisfactory in the main and prices named were generally reported to be on the firm side. Stocks were ample.

Quicksilver.—Quotations were lower at $92 to $93 per flask, mainly because of the absence of an expansive demand for the material. Foreign market conditions remained very firm with prices holding up well and fairly to forecast any early shift in favor of the buyers of imported material. Production on the Pacific Coast was conservative because of adverse weather having closed down some mines.

SAN FRANCISCO, Feb. 23.—Local factors reported the quicksilver a normal, routine market. Shipments by water to the east coast have been resumed. Production remains at a rather low ebb in this district because of inclement weather conditions Sellers here report the market as steady.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅜	44¾	20 1/16
Monday	32⅜	44¾	20 1/16
Tuesday	32⅜	44¾	20 1/16
Wednesday	32⅜	44¾	20 1/16
Thursday	32⅜	44¾	20 1/16
Friday	32⅜	44¾	20 1/16

Argentine requirement that drug labels must be approved by the Bureau of Commerce and Industry has been extended so as to give until May 27 for compliance on the part of manufacturers.

Bids Wanted

Alcohol, Butyl:—893 gallons; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 512, opening February 23.

Alcohol, Denatured:—7,632 gallons; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 512, opening February 23.

Alkali Proof Seal:—430 gallons; Quartermaster, Randolph Field, Texas; procurement 780-40, opening February 25.

Aluminum Foil:—Supplies of for east and west coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9963, opening February 23.

Calcium Chloride:—4,000 pounds; Post Quartermaster, Brooklyn, N. Y.; procurement 626-6, opening March 1.

Baking Powder:—Supplies of for various deliveries; Quartermaster Supply Officer, Fort Sam Houston, Texas; procurement 142, opening February 23.

Chlorine, Liquid:—6,000 pounds; Purchasing and Contracting Officer, Langley Field, Virginia; procurement 481-34, opening March 2.

Coaltar Enamel:—130 tons; U. S. Engineer Office, Fort Peck, Mont.; circular 349, opening March 2.

Coaltar Primer:—600 gallons; U. S. Engineer Office, Fort Peck, Mont.; circular 349, opening March 2.

Drugs and Chemicals:—101 items; Commanding Officer, St. Louis Medical Depot, Second and Arsenal streets, St. Louis, Mo.; circular 19, opening March 1.

Drugs and Chemicals:—6 items for Chicago and Perry Point; Procurement Division, Veterans Administration, Washington; procurement 553, opening February 24.

Flavorings:—Supplies of lemon, vanilla, and orange, non-alcoholic, for eastern and western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9857, opening February 23.

Gasoline:—900,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3226, opening February 25.

Gasoline, Ethyl:—200,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3226, opening February 25.

Hypochlorite:—27,500 tubes; Depot Quartermaster, Marine Corps, Philadelphia; schedule 565, opening February 25.

Lard Oil:—3,000 gallons; Commanding Officer, Springfield Armory, Springfield, Mass.; procurement 154, opening February 26.

Oil Colors, Artists':—Supplies of; Quartermaster, Marine Corps, Washington; schedule 604, opening February 26.

Oxygen, Compressed:—40,000 cubic feet; U. S. Engineer Office, Manufacturers Exchange building, Kansas City, Mo.; circular 422, opening February 24.

Paint Thinner, Volatile Mineral Spirits:—Supplies of for various east and west coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9942, opening March 2.

Paraffin Oil:—3,000 gallons; Commanding Officer, Rock Island Arsenal, Ill.; circular 470, opening February 24.

Pyroxylin Primer:—480 gallons; Commanding Officer, Charleston Ordnance Depot, Charleston, S. C.; circular 194, opening February 26.

Scouring Powder:—2,400 pounds; Quartermaster Supply Officer, Fort Sam Houston, Texas; procurement 503-149, opening February 24.

Soap, Automobile: — 1,400 pounds; Depot Quartermaster, Marine Corps, Philadelphia; schedule 554, opening February 23.

Soap, Chip: — 5,100 pounds; Purchasing Agent, Post Office, Washington; procurement 2339, opening February 24.

Soap, Grit:—23,625 pounds; Depot Quartermaster, Marine Corps, Philadelphia; schedule 554, opening February 25.

Soap, Laundry:—75,000 pounds; Depot Quartermaster, Marine Corps, Philadelphia; schedule 554, opening February 25.

Supplies of; Quartermaster, Fort Huachuca, Arizona; procurement 404-41, opening February 26.

Soap Powder:—70,000 pounds; Depot Quartermaster, Marine Corps, Philadelphia; schedule 554, opening February 25.

Soap, Saddle:—3,100 pounds; Depot Quartermaster, Marine Corps, Philadelphia; schedule 554, opening February 25.

Soap, Toilet:—18,750 pounds; Depot Quartermaster, Marine Corps, Philadelphia; schedule 554, opening February 25.

3,000 cans; Depot Quartermaster, Marine Corps, Philadelphia; schedule 554, opening February 25.

Varnish:—300 gallons; Purchasing and Contracting Officer, Quartermaster Corps, Mitchel Field, Long Island; procurement 568-18, opening February 23.

New York Paint, Varnish and Lacquer Association has moved its office to 360 Furman street, Brooklyn. The telephone number is Triangle 5-1974.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

C/P
CHEMICALLY PURE GLYCERINE U. S. P.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

MILK SUGAR
NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
Powdered Granular Impalpable
NATIONAL MILK SUGAR CO., Inc.
350 Madison Avenue, New York, N. Y.

To Users of Glycerine
So far as we know, there is no 100% substitute for glycerine. We may, however, have a product which, for your purpose, will give you 100% satisfaction. Let us have your specifications and we will tell you what we can offer.
APEX CHEMICAL CO., Inc.
Manufacturers Since 1900
225 West 34th Street, New York City
Factory—Elizabeth, N. J.

The World Renowned Benckiser
TARTARIC ACID
CRYSTALS—POWDER—GRANULAR
Guaranteed U. S. P.
OBTAINABLE FROM
WILLIAM NEUBERG, INC.
441 Lexington Avenue, New York City
MUrray Hill 6-1990

BORAX
Reg. U. S. Pat. Off.
PURITY GUARANTEED OVER 99.5%
AND BORIC ACID
Reg. U. S. Pat. Off.
"TRONA" MURIATE OF POTASH
TRONA Reg. U. S. Pat. Off.
A 95-98% Grade for Agricultural Use.
A Special High Grade for Use in the Manufacture of Industrial Chemicals.
AMERICAN POTASH & CHEMICAL CORPORATION
70 PINE STREET - NEW YORK
Stocks carried in principal cities of the United States and Canada

Oils, Fats and Waxes

Fats and Greases

(Continued from page 43)

Produce Exchange from February 13 to February 19, inclusive:—

	Cents per lb. in tanks High.	Low.	Close.	Sales, Tanks.
February	...	...	9.00 nom.	..
March	...	...	8.90@ 9.15	..
April	...	...	9.10 nom.	..
May	9.40	9.40	9.15@ 9.30	1
June	...	...	9.25@ 9.35	..
July	9.50	9.50	9.30@ 9.40	1
Total sales				2

Markets at Other Centers

Chicago, Feb. 19.—Influence of rather unfavorable statistics regarding the hog situation and other aspects of markets related to it have made themselves felt in easier tone in the cash lard market situation. Prices have come down to some extent, along with recessions in the futures market. Shipping trade has been of moderate proportions. Tallows have been inclined to show some improvement and are fractionally higher.

The range of lard quotations from the opening Saturday, February 13, to the close Friday, February 19, is shown in the following table:—

	Per 100 pounds Open.	High.	Low.	Close.	Previous Friday.
Cash	$12.47	$12.47	$12.15	$12.17	$12.52
May	12.87	12.87	12.50	12.57	12.92
July	13.07	13.10	12.72	12.80	13.15

TALLOWS (tierces).—Edible, 10c. to 10¼c. per pound; prime, 9⅜c. to 9⅝c.; fancy, 9⅜c. to 9⅝c.; special, 9c. to 9¼c.; No. 1, 8⅞c. to 9c.

GREASES (tierces).—Choice white, 9⅜c. to 9¼c. per pound; A white, 9c. to 9⅛c.; B white, 8⅞c. to 9c.; yellow, 10-16, 8⅞c. to 9c.; yellow, 16-20, 8¾c. to 9c.; brown, 8½c. to 8¾c.

STEARINS (barrels).—Prime oleo, 11¼c. to 11½c. per pound; lard, packages, 12¼c. to 12½c.; A white grease, 9½c. to 9⅝c.; yellow grease, 8⅞c. to 9c.; extra oleo stocks, 13¼c. to 13½c.; No. 2 stocks, 12½c. to 13c. (Oleo stocks in car lots.)

Liverpool, Feb. 19.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	May. s.	d.	July. s.	d.
Saturday	65	0	57	3	57	3
Monday	65	0	57	0	56	9
Tuesday	64	0	56	0	55	9
Wednesday	64	6	56	6	56	3
Thursday	64	6	56	3	56	0
Friday	63	6	56	0	55	9

Liverpool, Feb. 19.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	29	0	28	3
Monday	29	0	28	3
Tuesday	29	0	28	3
Wednesday	29	0	28	3
Thursday	28	9	28	9
Friday	28	9	28	9

Fatty Acids

Red Oil.—Quotations were stationary during the week and the tone of the market appeared to be firm. No broadening of trade was reported but there was a fair demand for moderate quantities.

Stearic Acid.—Selling schedules were maintained at previous levels by producers as raw material apparently remained in a firm position. Business was fairly active though consumers were not inclined to anticipate to any material extent.

Markets at Other Centers

Chicago, Feb. 19.—Values prevailing in the fatty acids market are about steady. Basic products appear to have changed little in value and the characteristics noted in the general acids market situation on their own account seem quite firm. Buyers are sending through orders for rather good quantities at this juncture. Some want rush shipment. Their stocks are reported low.

FATTY ACIDS.—Corn oil, double distilled, 8¼c. to 8½c. per pound, tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; coconut oil, acidulated, 9c. to 9¼c., tankcar, partly nominal; 9½c. to 9¾c., barrels, car lots; 10c. to 10¼c., barrels, less than car lots; cottonseed oil, double distilled, 8¼c. to 8½c., tankcar; 8¾c. to 9c., barrels, car lots; and 9¼c. to 9½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 4c. to 4⅛c.; boiled down soap stock, 65 percent basis, 5c. to 5⅛c.; cottonseed foots, 90 percent basis, 2⅞c. to 3c.

STEARIC ACID.—Single press, distilled, 12c. to 13c. per pound; double press, 12½c. to 13½c.; triple press, 15¼c. to 16¼c.

RED OILS.—Distilled or saponified, drums, 11½c. to 12½c. per pound; barrels, 11⅝c. to 12⅝c.

Waxes

Bees.—The market was exceptionally strong so far as crude wax was concerned. African was higher at 29½c. to 30½c. per pound according to quantity. Brazilian and Chilean waxes were at least 31c. per pound and there was some doubt that much could be obtained at less than 32c. Refiners and bleachers had stronger views and the tendency in most quarters was to expect an advance in prices in the not far distant future.

Candelilla. — Prices were firm. Absence of weakness in the prices on competing material tended to make for stability in quotations on this item. Furthermore, a very fair demand for spot and future delivery material assisted in the firm maintenance of quotations.

Carnauba. — A hugh quantity of wax reached this port in the previous week and two other lots were very close by late in the period under review. Notwithstanding this, the strength in which prices were held in Brazil checked any generally downward tendency that might have prevailed on spot prices as the result of the arrived goods, and the arrivals pending. However, values in a few quarters did yield fractionally and quotations were noted as follows: No. 1 yellow, 1 ton lots, 45c. to 45½c. per pound; 5 bag lots, 45½c. to 46c.; 1 bag lots, 46c. to 46½c.; No. 2 yellow, 43½c. to 44c.; No. 2 North Country, 38c. to 40c.; No. 3 chalky, 1 ton lots, 34½c. to 35c.; 5 bag lots, 35c. to 35½c.; 1 bag lots, 35½c. to 36c.; No. 3 North Country, 1 ton lots, 35½c. to 36c.; 5 bag lots, 36c. to 36½c.; 1 bag lots, 36½c. to 37c. These prices were far too low when the replacement cost ruling in Brazil last week was considered. The fact that such costs were so high was more than enough reason to cushion the arrival, and pending arrivals, of large quantities of wax.

Japan. — Spot prices and replacement costs were almost at a parity and the general feeling was that further advance in quotations would take place. However, for the most part importers were disposed to the view that further rise would be unfortunate as it would possibly cause an eventual reduction in consumption when buyers turned to substitutes.

E. E. Day, vice-president of the Standard Varnish Works of Illinois, has been elected a vice-president and member of the board of directors of the Standard Varnish Works of New York.

Philippine Coconut Oil Tax to Be Adjudicated

WASHINGTON, Feb. 15, 1937.

The Supreme Court of the United States today agreed to review two cases involving the constitutionality of the excise tax of 3 cents per pound on the first domestic processing of coconut oil produced in the Philippine Islands, imposed by section 602½ (a) of the revenue act of 1934.

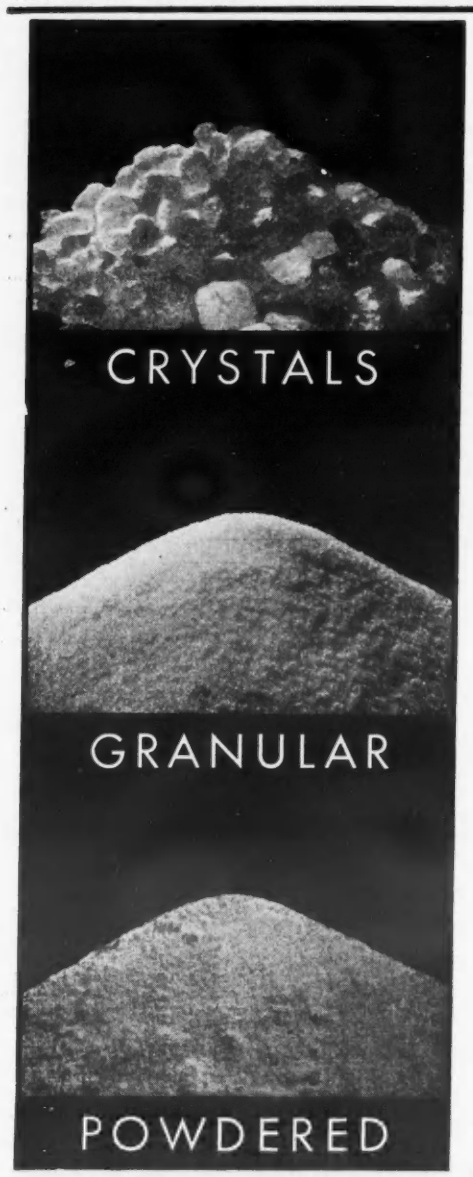
One case was brought by the Cincinnati Soap Company from the sixth circuit court of appeals and the other by Haskins Brothers & Company of Omaha from the eighth circuit. In neither case has the circuit court given an opinion, and the cases come directly to the supreme court from the district courts, which in both cases sustained the constitutionality of the tax without opinion.

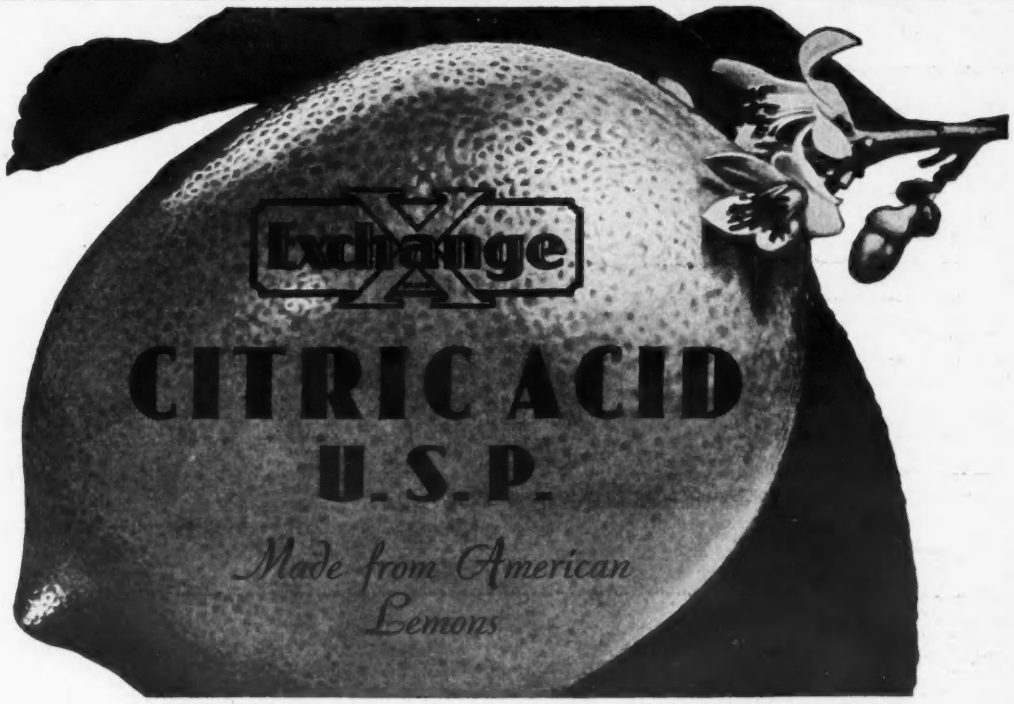
Legal questions on which the supreme court is asked to rule include whether the tax is unconstitutional on the grounds that its real purpose is to regulate agricultural production and prices; whether the tax is for a local purpose rather than for the general welfare; and whether rebate of the tax to the Philippine government is unconstitutional.

Oil Trades Nominates

The annual meeting and election for officers and directors of the Oil Trades Association of New York will be held at the Waldorf-Astoria Hotel March 23. Dinner will be served at 7:30 p. m. sharp. The following candidates have been nominated:—President, Joseph C. Smith; vice-president, Kenneth L. Patterson; secretary, Albert J. Squier; treasurer, Philip C. Meon. Directors:—Charles V. Bacon, John W. Baker, J. A. Britton, jr., George E. Getchell, Dart E. Hoffman, Philip C. Meon, W. M. Osborn, Kenneth L. Patterson, John F. Renick, Joseph C. Smith, Rudolf G. Sonneborn, Albert J. Squier, Homer F. Wilhelm.

Quicksilver production in California in 1936 is estimated to have been 9,500 flasks, with a total value of $677,000.





Exchange Citric Acid U.S.P. is made by the Exchange Lemon Products Company of Corona, Calif. Backed by the Sunkist group of 13,200 citrus growers—largest in the world. Immediate shipments from warehouse stocks in New York, Chicago and Philadelphia. For prices on kegs, barrels or carloads, write nearest office.

Products Department

CALIFORNIA FRUIT GROWERS EXCHANGE

ONTARIO, CALIFORNIA

189 W. Madison Street, Chicago, Illinois 99 Hudson Street, New York, N. Y.

Copr., 1936, Products Dept., California Fruit Growers Exchange

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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One-hundred-sixty-fourth Instalment

Lacquers

Thinners for Use in Lacquers

(Continued from February 15 issue)

Nitrobenzene
Orthene
Orthodichlorobenzene
Pandol A
Paracymene
Pentasol
Phenylethyl alcohol
Phenylized methanol
Propyl acetate, normal
Propyl alcohol, normal
Refined fusel oil No. 71
Sipolin MOA, MOM
Solvent E13
Solvent naphtha
Substance L30
Tamasol J, JN, 11, 111
Toluene
Varnoline
Wood turpentine
Xylene

Wetting Agents for Pigments in Lacquers

Ammonium betatetrahydronaphthalenesulphonate
Ammonium linoleate
Amyltetrahydronaphthalenecarboxylic acid
Anthracenesulphonic acid
Butyl acetylricinoleate
Butyl ricinoleate
Castor oil, acetylated
Castor oil, sulphonated
Dibutyl ricinoleicsulphonate
Diethylaminobetaoxypropylamine
Diglycol stearate
Ethanolamine
Lead-titanium tungstateresinate
Methyl oleicsulphonate
Octyl alcohol
Oleic acid
Palmitic acid, sulphonated
Potassium betatetrahydronaphthalenesulphonate
Potassium eleostearicsulphonate
Potassium heptylnaphthalenesulphonate
Potassium isoallylnaphthalenesulphonate
Potassium isoamylnaphthalenesulphonate
Potassium oleoabietate
Potassium pentanaphthalenesulphonate
Potassium ricinoleicsulphonate
Ricinoleic acid
Saponified oils
Sodium allylnaphthalenesulphonate
Sodium alphatetrahydronaphthalenesulphonate
Sodium benzylanthranilate
Sodium betatetrahydronaphthalenesulphonate
Sodium oleostearicsulphonate
Sodium oleate
Sodium pentylnaphthalenesulphonate
Sodium propylnaphthalenesulphonate
Sodium-betatetrahydronaphthalene-6-sulphonic acid
Stearic acid
Sulphonated oils
Tall-oil amide
Triethanolamine linoleate
Triethanolamine oleate
Trihydroxyethylamine linoleate
Trihydroxyethylamine stearate
Vegetable oils, sulphonated

Lac

(Seedlac, Shellac, Sticklac)

Bleaching Agents for Lac

Alkalies
Calcium hypochlorite
Chlorine
Chlorinated lime
Ethyl ether
Lye
Oxalic acid
Selective solvents
Sodium carbonate
Sodium hypochlorite

Chemical Constituents of Lac

Aleurtic acid
Aliphatic oxy acids
Aromatic oxy acids
Dihydroxytridecylic acid
Dyes
Erytholaccin (spirit-soludye dye)
Hydro-aromatic dibasic hydroxy acid
Hydroxy acids
Laccain (water-soluble dye)
Shellolic acid
Trihydroxypalmitic acid
Trioxypalmitic acid
Waxes

Filtering Agents for Purifying and Dewaxing Lac

Activated carbon
Animal charcoal
Asbestos
Bentonite
Bone black
Carboraffin
Carboserin
Carbrox
Charcoal
Clay
Clearit
Darco
Diafilit
Diatomaceous earth
Filtrol
Fossilite
Fossil flour
Fuller's earth
Kaolin
Kieselguhr
Neutrol
Nonsilite
Norit
Nuchar
Sand
Suchar
Super-filchar
Talc
Tripoli

Hardeners for Lac

Alkalies
Alkaline hydroxides
Kaolin
Lead acetate

Plasticizers for Lac

Castor oil
Castor oil, acetylated and processed
Cyclohexanol phthalate
Gum elemi
Gum thus
Pine oil
Ricinoleic acid amides

Solvents for Lac

Acetone (slightly)
Acetophenone
Acetylene tetrachloride
Alcohol
Amyl acetate (slightly)
Amyl alcohol
Amyl lactate
Amyl stearate
Benzyl alcohol
Borax in water
Butyl alcohol
Butyl alcohol, secondary
Butyl cellosolve
Carbon tetrachloride plus alcohol
Chloroethane
Chloroethyl ether
Cresyl phosphate
Crotonic aldehyde
Cyclohexanol
Cyclohexanone
Denatured alcohol
Diacetone alcohol
Diamyl tartrate
Dibutyl tartrate
Dichlorhydrin
Diethyl lactate
Diethyl phthalate
Diethylene oxide
Diethyleneglycol butylether
Diethyleneglycol ethylether
Epichlorhydrin
Ethyl acetate
Ethyl alcohol
Ethyl benzoate
Ethyl cellosolve
Ethylene oxide
Ethyleneglycol butylether
Ethyleneglycol diethylether
Ethyleneglycol ethylether
Ethyleneglycol isoamylether
Ethyleneglycol isobutylether
Ethyleneglycol isopropylether
Ethyleneglycol methylether
Ethyleneglycol propylether
Furfural
Furfural alcohol
Glycol butylether
Glycol diethylether
Glycol ethylether
Glycol ethylether acetate
Glycol methylether
Isopropyl acetate
Isopropyl alcohol
Methanol
Methyl acetate
Methyl cellosolve
Methylcyclohexanol
Methylcyclohexanone
Methylethyl ketone (slightly)
Monochlorhydrin
Pentasol
Propyl alcohol
Propylene oxide
Propyleneglycol ethylether
Propyleneglycol methylether
Ricosol
Special solvent
Tetrahydrofurfuryl alcohol
Triethyleneglycol ethylether

Substitutes for Lac

Alvarlac
Gal-lac
Casein, dried
Cashellac
Clear lac
Lignolac
Rosin
Shellacs
Synthetic resins
Tungoil fatty acid

Lactic Acid

Materials Used in Manufacture of Lactic Acid

Acetone
Acids, organic
Alanine
Alcohol
Aldehydecyanohydrin
Alphachloropropionic acid
Alphapropyleneglycol
Ammonium caseinate
Ammonium phosphate
Ammonium salts
Arabinose
Arrowroot starch
Bacteria
Bananas
Barley
Betaiodopropionic acid
Betapropyleneglycol
Bran

(To be continued)

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Drug Bill Endorsed to Senate by Committee

(Continued from page 3)

by scientific training and experience as experts on the subject.

The seizure provision is modified in another amendment to permit multiple seizures where the Secretary of Agriculture has probable cause to believe that an article is so misbranded as to render it imminently dangerous to health, eliminating the language "or is, in a material respect, false, grossly misleading, or fraudulent."

The word "material" has been added to the definition of illegal advertising, so that, to be in conflict with the law, advertising would have to be "false or misleading in any material particular." A similar change has been made with respect to labeling.

A change has been made in the definition of adulteration of other than official drugs, omitting reference to identity and prohibiting differences, either up or down, in strength, quality, or purity.

Bromides have been added to the list of ingredients which must be stated on the label, whatever their relative importance in a preparation.

The provision with reference to the certification of colors for use in cosmetics has been reworded so as to exempt hair-dyes, with the definite exclusion of eyelash-dyes and eyebrow-dyes from this exempt category.

With reference to the making of regulations it is provided that the Secretary of Agriculture shall give heed to requests from interested industry for the changing of an existing regulation or the establishment of a new regulation.

The providing of samples of articles collected for analysis is made dependent on the availability of a part of the official sample and the seasonableness of the request.

No official steps have been taken toward expediting action on the food and drug bill in the house committee on interstate commerce, but the chairman, Representative Clarence F. Lea, stated today that he has been conferring with those members of the committee who served last year on the special food and drug subcommittee regarding the Chapman bill, H. R. 300, pending before the committee. Although he declared that the committee is not deliberately waiting for the senate to act first, Mr. Lea said that it was quite probable that the senate would pass the Copeland bill before his committee had disposed of other matters and was ready to consider food and drug legislation.

Mr. Lea said he was giving consideration to holding brief hearings before the full committee, but that it would be necessary to have a subcommittee to handle the bill and that he probably would appoint the same members who served last year, together with some others.

Drug Bills Introduced In Washington, Texas

(Continued from page 3)

proved by the United States government or the State board of health."

The Washington bill is a drastic measure, deriving largely from the earlier forms of the bills considered in Congress during the past few years. In an analysis of this measure for the Proprietary Association, Dr. F. J. Cullen mentions, among others, the following provisions of particular interest:—

Variation from U.S.P. or N.F. standards of strength, quality and purity must be stated in terms of differences from such standards.

Misbranding includes labeling that is false in any particular or "by ambiguity or inference creates a misleading impression." A similar basis is laid for false advertising, and for misbranding with representations of the effect of a drug.

In addition to requiring the stating of names and quantities of active ingredients on the label of nonofficial, compounded drugs, the bill authorizes the administrative officer to "prescribe by regulations requirements for such further information on the label. . .as he may deem necessary to protect the public health."

Complete and explicit directions for use are required on drug labels.

Germicides and antiseptics must be labeled to show the particular micro-organisms that they will combat or the particular uses and the method and duration of application.

Regulations are authorized for the control of conditions of manufacturing, processing or packing when the administrator deems such action necessary to protect the public health.

Direct seizure is authorized on the basis of a belief that an article is so adulterated as to be imminently dangerous to health.

Botanical Drugs, Gums

Scarcity Bring Higher and Practically Nominal Market on Buchu, Serpentaria, and Myrrh — Echinacea and Elecampane Higher on Low Supply—Ergot Rises Again

Strong undertones backed by small stocks kept botanical drug prices to an upward trend last week regardless of the volume of current demand. During the period under review, Buchu leaves, gum myrrh, gentian, ergot, elecampane, echinacea, and serpentaria roots, and quince seed, advanced in keeping with so substantial drop in stocks as to make all prices close to being nominal. Quotations were usually made without offer, and they were always subject to confirmation, on these articles. The whole list of botanical drugs was notable for a comparatively strong price position that prevailed without regard to the current interest shown by manufacturing consumers. In virtually every instance, the strength of individual items—even of the market as a whole—was caused by undersupply of merchandise in the local and primary markets.

Spot stocks of echinacea, elecampane, gentian, and serpentaria roots have rarely been so low. The scarcity amounted to virtual exhaustion of supplies and for the most part a return to normal reserves must await the collection of large quantities during the coming crop season. Buchu leaves were in similar position. Myrrh was higher because detentions of recent arrivals resulted in some dealers being without supplies, a condition that gave full control to those still having a limited supply.

Demand was generally moderate. A lull in interest of buyers was still reported but for the most part dealers felt that the call would be resumed along major lines in the not far distant future, and as stocks were generally below normal—actual scarcity prevailing in many items—maintenance of quotations was expected.

Entries of botanicals at the port of New York since the week of January 1, 1937, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	20	457
Caraway	1,711	4,815
Cardamom (cases)	...	380
Celery	78	1,662
Coriander	721	964
Cumin	300	630
Digitalis leaves (cases)	33	33
Dill	...	89
Fennel	75	1,393
Mustard	280	6,986
Poppy	300	10,519
Sage leaves (bales)	20	285
Sesame	...	431
Stramonium	104	145
Thyme herb (bales)	91	291
Totals	3,733	29,097

Price Changes

Prices were changed during the past week as follows:—

Advanced

Buchu leaves, 15c. per lb.
Clove, Madagascar, ½c. per lb.
Zanzibar, ½c. per lb.
Caraway seed, ¼c. per lb.
Cascara sagrada bark, 1c. per lb.
Echinacea root, 4c. per lb.
Elecampane root, 3c. per lb.
Ergot, 10c. per lb.
Guarana, powdered, 5c. per lb.
Henna leaves, powdered, 1c. per lb.
Gentian root, whole, 1c. per lb.
ground, 1c. per lb.
powdered, 1c. per lb.
Kola nuts, 1c. per lb.
Myrrh gum, 27c. per lb.
Pepper, black, Lampong, ¼c. per lb.
red, Japanese chillies, ½c. per lb.
birdseye, 1½c. per lb.
Serpentaria root, 15c. per lb.
Senega root, 6c. per lb.
Quince seed, 30c. per lb.
Wormseed, domestic, 8c. per lb.

Reduced

Celery seed, French, ¼c. per lb.
India, ¼c. per lb.
Dill seed, recleaned, ¼c. per lb.
Ginger root, Jamaica, medium, old, ¼c. per lb.
Pepper, black, Alleppy, ½c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
124.2	121.2	117.9	108.4

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—A firmer market was reported. Some sellers were disposed to advance quotations somewhat, this being in keeping with the rising trend in values in the primary market. Stocks in local circles were somewhat smaller than normal.

Fir.—Not much demand prevailed for either sort of this balsam but prices were generally steady to firm in the absence of much competition. Oregon balsam was in especially poor supply.

Barks

Bayberry. — Stocks were very small on the spot and those without supplies reported inability to secure goods in the primary market. Locally, 35c. to 40c. per pound was quoted for the very small stock available.

Cascara Sagrada. — Quotations were higher at 13c. to 14c. per pound. It will be recalled that last year's crop was something of a disaappointment as to size and resulted in substantial advances in prices at the source. The present situation resulted from the gradual decrease of local reserves.

Dogwood. — Reports from Jamaica were to the effect that the government had adopted a policy of restricting cutting of this material, this for the reason that constant cutting for many years threatened extinction of the Jamaica species of the material. The future of supplies, therefore, was somewhat uncertain.

Elm.—Not much interest in the item was disclosed locally last week and the market as a whole was a somewhat dull affair. Prices on select bark were still easy but they lacked further movement in favor of buyers for consumption.

Soap.—Sellers looked forward to an improvement in sales of this article during the Spring period. Pricewise, the market continued to display that stability which had been its feature for many weeks past.

Beans

Tonka.—According to reports from Venezuela, an executive decree published January 9, 1937, established an export tax on uncrystalized beans shipped from that country. The tax became effective February 1. In order to stimulate the local industry in crystalized beans, an export tax of 10 percent advalorem was imposed on all exports of uncrystalized beans. Beans specially and effectively treated with locally produced alcohol were exempt from the tax.

Vanilla.—The market continued firm to strong even though current demand tended to become somewhat irregular and generally less impressive than it had been in the recent past. Foreign markets remained firm in price, the absence of large unsold stocks tending to keep values well supported. Exports from Madagascar in the first 10 months of 1936 and 1935 were 3,960 metric quintals, comparing with 2,910 metric quintals in the corresponding period of 1935. The United States received 503 metric quintals in the 1936 period, against 28 metric quintals in the first 10 months of 1935. A quintal equals 220.4 pounds. The destinations of shipments for the first half of the past two years—the latest details available—are shown in the following table:

	Metric tons	
	1935.	1936.
France	1,764	2,335
United States	28	503
Great Britain	...	4
Canada	...	2
Totals	1,792	2,844

On December 2, 1936, the Council of State of Madagascar annulled the decree of November 19, 1932, which prohibited the exportation of vanilla beans not reaching certain lengths, according to press reports. The protest against the original decree was brought by the syndicate of vanilla producers which demonstrated that the value and merchantable quality of vanilla were not contingent on the length of the bean. This feature of the product has never served as a criterion of its aromatic properties in certain markets, where vanilla is always shredded and reduced to powder. The change will make more of the product available for export.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Berries

Fish.—Irregular and always jobbing demand prevailed in this market for this item and the situation was generally quiet with prices remaining fairly steady.

Sloe.—The market lacked large demand but there was still a fairly good movement into consumption and the trade booked during the past week was sufficient to keep prices steady to firm in all quarters.

Flowers

Arnica.—Business was strictly routine but it still made a fair sized volume of trade and resulted in prices holding generally firm, and in competition remaining well in the background of local affairs.

Chamomile.—The movement of Hungarian material was about normal and the general market position of the article was fairly steady notwithstanding the presence of substantial competition whenever especially attractive business

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was in sight. Roman flowers were quiet and for the most part prices were placed favorable for those with firm orders in hand.

Lavender.—The principal selling season being past, demand for this item was on a hand-to-mouth basis last week and the total of transactions was comparatively small. Prices were quiet but seemed to be moderately easy in most quarters. Supplies were of fair size.

Mullein.—Some manufacturers were looking forward to their Spring requirements of this item and the result was a very good business last week. It was made up of numerous orders, each involving moderate quantities and resulting in a substantial sale by the close of the trading period under review. Prices were steadier.

Saffron.—Quiet but steady demand for moderate sized quantities of this material was the rule last week. The movement of Mexican flowers was hampered somewhat by the not exceptional size of local stocks. Spanish material was in quite ample supply and the call was met readily. Production of Greek red saffron in 1936 has been estimated at 700 to 750 kilos; yellow saffron, 400 to 425 kilos. This compared with 550 to 600 kilos of red material in 1935, and with 275 to 425 kilos of yellow in the same year. Reports from Greece indicated that American houses had inquired for the article but no sales resulted.

Gums

Arabic.—Crop arrivals in the primary market were none too large and hence the general undertone of values at the source of supply was free from those elements often times noted when new crops begin to come into the shipment ports. In local circles, dealers kept prices mainly steady and reported a fair consuming interest each day last week. Shipments in November, 1936, were 1,552 tons, compared with 1,345 tons in November, 1935. Shipments during January-November, 1936, totalled 20,963 tons, compared with 21,838 tons during the corresponding period of 1935. The chief destinations were as follows:—

	Tons			
	1935		1936	
	Nov.	Totals.	Nov.	Totals.
Great Britain...	128	5,403	209	4,900
United States...	196	3,528	360	3,829
France	100	1,975	133	2,959
Germany	204	1,864	272	2,610
Italy	138	1,854	1	217
Belgium	246	1,540	117	1,387
Japan	..	1,354	82	1,065
Holland	30	641	80	900
Spain	48	554	..	159
Sweden	100	536	28	436
Norway	1	85	4	47
Australia	3	659	16	493
New Zealand....	..	94	1	35
China	33	259	41	274
Canada	10	205	..	224
British India....	1	16	90	166
Denmark	21	114	24	163
Finland	3	115	15	131
Poland	8	64	8	116
Rumania	5	46	7	118
Turkey	11	30	..	39
Greece	7	69	9	87
Egypt	21	327	16	158
South Africa....	..	12	10	54
Dutch Indies....	..	25	4	31
Argentine	..	76	..	29
Brazil	12	152	12	121
Uruguay	..	22	..	21
Mexico	..	32	..	27
Other countries in America	7	27	..	45
Other countries..	12	160	13	122

The export figures are made up of the following qualities:—

	Tons			
	Hashab.	Bleached.	Talha.	Totals.
Nov., 1935.....	1,097	32	216	1,345
Nov., 1936.....	1,330	18	204	1,552
Jan.-Nov., 1935..	19,649	190	1,999	21,838
Jan.-Nov., 1936..	19,066	216	1,681	20,963

Benzoin.—A satisfactory distribution of Sumatra gum on the spot had brought values back to a normal basis and resulted in a steadier and more satisfactory position for the material. Demand was normally active and productive of a good sized total volume of business.

Camphor..— Some improvement in sales was reported. The gain was caused by seasonal conditions but it failed to affect the general market position of both synthetic and natural camphor. Replacement cost of natural camphor was firm at the recent advances in Japan and hence the spot position of the article was similar.

Myrrh.—Several arrivals have been held up by the Department of Agriculture and that has led to a shortage in spot stocks. Quotations were advanced to the basis of 65c. to 75c. per pound as the result of an almost total lack of competition on the spot. The situation was likely to continue until such time as there be a normal distribution of stocks on this market.

Sandarac.—The strong position that this article has held was the direct result of the fact that production in 1936 totaled but 68 metric tons, compared with 210 metric tons produced in 1935. The article comes from the thuya forests along the Western slopes of the Grand Atlas mountains in French Morocco. Estimates concerning stocks in the middle of last December totaled 75 to 125 metric tons. Exports from French Morocco in 1935 totaled 264 metric tons, 56 tons of which were assigned to the United States. The total export in 1934 was 149 tons, and the United States took 21 tons of that quantity.

Herbs and Leaves

Buchu.—Acute shortage caused prices to advance further last week and the market was 80c. to 85c. per pound. The price was practically nominal as there was virtually no stock obtainable. The future of the market seemed to hinge directly on what has to be paid for new crop goods at the source.

Damiana.—No change was reported in the market on this item, quotations holding to the basis of 14c. to 15c. per pound and being apparently quite firm thereat. Some directions looked for higher prices to come.

Deertongue.—Nothing was available in the primary market and for the very small quantities available on spot, dealers wanted a minimum of 25c. per pound. The range was to 30c. This situation cannot be relieved until another crop of the article shall be gathered.

Henna.—Shipments from the source during the period January-August, 1936, totaled 465,000 kilos, comparing with 367,000 kilos in the corresponding period in 1935. Spot quotations on powder were up slightly to the basis of 10c. to 11c. per pound, but whole goods lacked quotable change.

Senna.—The spot market was steady as to price and demand. Since the recent revision in values, a steadier undertone has developed and throughout the past week conditions lacked any signs of unsettlement. The normal acreage planted with Tinnevelly senna is approximately 5,000 acres. During recent years this area has yielded annually a total of about 12,000 candies of 500 pounds each. In May, 1936, heavy unseasonable rains destroyed 800 to 1,000 acres near Tinnevelly. This caused a lower yield of prime quality leaves. Prices during 1936 declined chiefly owing to poor demand from Germany and Italy where it was reported there were ample stocks of the 1935 crop. The situation was said to be similar in London and New York. Prices were the lowest on record, and will no doubt have a serious effect on the cultivation of the 1937 crop.

Miscellaneous

Areca Nuts.—Fair sized trading in a generally steady market was reported throughout the past week and prices on powdered material kept steady to firm throughout the period. Stocks were sufficient to meet all current requirements.

Ergot.—European sources of supply reported the smallest stocks in many years. Virtually nothing was forthcoming out of Spain and even the Portuguese shippers, who succeeded in getting practically all the Spanish material that was available from the last crop, were unable to make more than a few small offerings—when they offered at all. Spot quotations were advanced to the basis of $1.95 to $2.10 per pound and the market was practically nominal at that level as the prices were made without offer and were subject to confirmation.

Guarana.—Stocks were comparatively small and powdered merchandize fetched 75c. to 80c. per pound, mainly because of a lack of normal distribution so far as unsold stocks on the spot were concerned. The undertone was exceptionally firm and the tendency was still upward late in the trading period reviewed.

Kola Nuts.—Local stocks were almost exhausted and nothing was available at the source of supply. Furthermore, nothing was expected to be available earlier than midyear when new crop goods will come on the world markets. Spot quotations at 10c. to 11c. per pound were just short of being nominal.

Papain.—The market was somewhat steadier than it had been but the recently slight advance in prices on powdered material had yet to be extended. This was mainly because of the continued presence of fairly keen competition in local circles.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Roots

Echinacea.—The market was almost bare of supplies and during the past week consumers were compelled to pay 25c. to 27c. per pound to get anything at all. It seemed impossible to get anything at the source.

Elecampane.—Sales were made at the higher level of 11c. to 12c. per pound and offerings were limited to comparatively small quantities both on the spot and at the source of supplies. Shortage in prompt delivery material was responsible for the extention of the previous advances in prices.

Gentian.—Small stocks on spot were revalued to the basis of 15c. to 16c. per pound for whole, 17c. to 18c. per pound for ground, and 18c. to 19c. for powdered material. Foreign markets able to supply any of this item have risen in price in recent weeks and hence the spot values were strong and tending higher notwithstanding the absence of expansive demand locally.

Senega.—Prices were higher at 54c. to 55c. per pound and in view of the comparatively small unsold stock available on the spot, it appeared to be probable that a further rise was in early prospect. A fair sized demand prevailed.

Serpentaria.—The several advances in prices noted in recent weeks were extended when values reached $1.25 to $1.30 per pound last week. Because of the almost total exhaustion of stocks, the price was strictly nominal; it was made without offer, and was subject to confirmation.

Seeds

Anise.—The spot market was generally stable last week and while demand was not very important, it was still sufficient to keep prices subject to a firm undertone and an absence of much local competition.

Caraway.—Local selling was more active and prices rose to the basis of 6½c. to 7c. per pound last week. Replacement costs in the primary market were about steady in a dull market.

Cardamom.—All varieties of this item were strong, in light supply on spot, and sparingly offered from the source regardless of price. Stocks on the spot were of moderate size and hence goods to arrive later will have been bought on a primary market substantially higher than it was six months ago.

Celery.—Lack of trading disturbed the recently somewhat placid market for this item and during the past week, and under the influence of a more competitive situation, prices were shaded to the basis of 19¾c. to 20¼c. per pound for French, and 16c. to 16½c. for Indian material.

Dill.—Recleaned goods on the spot were slightly lower at 6½c. to 7c. per pound. Competition was the sole cause of the limited recession in local values.

Fenugreek.—Stocks on the spot market were next to nothing in all but one quarter—and it seemed probable that in that single direction the available supply was none too ample. Some goods were said to be held in the Middle West. The market appeared to be strengthening.

Quince.—After a very long period in which no price action had taken place, the market last week was advanced substantially to the basis of 75c. to $1.50 per pound, with some varieties of the article possibly commanding even higher than the outside figure quoted. Recurrence of demand revealed small stocks on the spot, and replacements from one formerly important primary market were unobtainable.

Worm.—The advance to 20c. to 21c. per pound was thoroughly maintained last week and unsold stocks of the domestic article were very small on spot, and in the primary market, too. The domestic crop was very small last year.

Spices

Clove.—The market continued to advance. Spot quotations on both Madagascar and Zanzibar material rose to 18c. to 18½c. per pound and had a strong tendency toward further rise. Spot stocks were very small. Exports during the first 10 months of 1936 decreased heavily from those of 1935, only 12,760 quintals going out, against 30,730 in 1935. As indicated below, exports to the United States for the first half of the year declined materially from those in 1935. The destination of shipments during the first six months of each year is shown in the following table:

	Metric Quintals	
	1935	1936
France	7,800	2,955
Germany	217	68
United States.....	7,964	4,433
Great Britain.....	1,175	818
British India.....	2,515	261
Netherland India.....	3,980	839
Other countries.....	1,540	1,310
Total	25,191	10,684

Ginger.—African root was advanced again, making the spot price 15c. to 15½c. per pound. Stocks locally were too small to be anything but a strengthening element in an already strong position. Medium bold Jamaica root was lower at 14¾c. to 15¼c. per pound. Other qualities of Jamaica root lacked quotable change.

Paprika.—The market was steady to firm. Stocks were amply sufficient to meet current requirements and there seemed to be little difficulty in getting shipments from the primary market. Reports that Hungary was preparing to penetrate the consuming markets in South America were current.

Peppers.—Black Alleppy was shaded to 10¼c. to 10½c. per pound but Lampong moved up a wee fraction to the basis of 6½c. to 6¾c. Japanese chillies continued to rise in value, sales locally being reported at 13c. to 13½c. per pound. Old crop birdseye red pepper was higher at 15c. to 15½c. per pound. Mombassa material was firm but lacking in change.

Pimento.—The decline noted in the previous week was checked and a steadier situation developed on the basis of 15½c. to 15¾c. per pound notwithstanding the absence of much demand for spot deliveries during the past week. The source was steady as to price.

Trade-Names and Brand-Names

Materials Used in Chemical Processing Industries

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Fifty-second Instalment

Kerosodor; odorant for flysprays and disinfectants; Polak Fruital Works, New York.

Kervansene (Odorless kerosene); for cosmetics; Charles Kervan, New York.

Kesscol P; substitute for butyl propionate; Kessler Chemical Corporation, New York.

Ketanol; softener for nitrocellulose plastic sheets; E. I. du Pont de Nemours & Co., Wilmington, Del.

Ketonone B (Butyl orthobenzoylbenzoate); American Cyanamid & Chemical Corporation, New York.

Ketonone E (Ethyl orthobenzoylbenzoate); American Cyanamid & Chemical Corporation, New York.

Ketonone M (Methyl orthobenzoylbenzoate); American Cyanamid & Chemical Corporation, New York.

Kex (Chestnut extract); Kingsport Extract Corporation, Kingsport, Tenn.

Keystone sodium hypochlorite; Pennsylvania Salt Manufacturing Company, Philadelphia.

Keystone synthetic dyestuffs; John L. McKenna, New York.

Kierasol; textile chemicals and treating reagents; John Campbell & Co., New York.

Kierole; textile finishing compound; Warwick Chemical Company, West Warwick, R. I.

Kierotex; textile scouring agent; L. Sonneborn Sons, Inc., New York.

Kier-wite; textile treating agent; Scholler Brothers, Inc., Philadelphia.

(To be continued)

Trade News Briefs

Phillips Petroleum Company has made Don Emery vice-president of the company in place of R. H. Lynn, resigned.

J. Wiley Trought, formerly with W. E. Valliant, fertilizer manufacturer, Centerville, Md., has become assistant manager at the Bangor, Me., office of the Summers Fertilizer Company of Baltimore.

Russell-Hale Chemical Company, manufacurer's representative, Houston, Texas, has leased a warehouse in New Orleans, on the Southern Pacific Railroad, and plans to open up there March 1. The company will carry a general line of heavy chemicals, the same as in Houston, and will cover Louisiana, part of Mississippi, and part of Alabama from New Orleans. The warehouse is at 858 South Front street, and Carl Sutter will have charge.

Essential Oils, Aromatic Chemicals

Clove, Mace and Nutmeg Rise as Production Costs Advance—Anise Derivatives Up — Palmarosa at Higher Prices Again —Wormseed Climbs—Citronella Decline Extended

Price trend continued to be mainly upward and the market position of most essential oils and aromatic chemicals was one entirely free from weakness. Prices tended upward all along the line, save for citronella oil, which article declined further last week in keeping with the replacement costs.

Demand was excellent. Without exception, dealers failed to complain in the least about the volume of trade reaching them. The requirements of manufacturing consumers were maintained at an expanding rate, and hence the entire situation was judged to be mainly satisfactory.

The strong side of the market was emphasized by the number of items selling at higher price levels at the close of the period under review. In every instance, replacement costs—always excepting citronella—had a rising tendency and in the materials selling at an advance during the past week, the replacement costs were usually higher.

Spice oils were prominent for strength. Higher quotations developed on clove, mace, and nutmeg oils, while the position of pimento was certainly one entirely free of weakness, while that of cinnamon was exceptionally steady. Clove, mace and nutmeg cost more to make. Hence the price advance.

Palmarosa was advanced again, reflecting replacement costs. Cubeb sold at higher levels and the cost to produce was well maintained. Sweet true almond oil was in very light supply and good demand set a higher level of values. Anethol and anisic aldehyde at a rise reflected the high cost of raw material. Wormseed was in good request and values continued to advance in company with a shrinkage of spot and primary market stocks.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Almond, sweet, true, 5c. per lb.
Anethol, 5c. per lb.
Amyris, 30c. per lb.
Anisic aldehyde, 15c. per lb.
Clove, 5c. per lb.
Cubeb, 15c. per lb.
Geranium, Turkish, 50c. per lb.
Mace, 5c. per lb.
Nutmeg, 5c. per lb.
Palmarosa, 50c. per lb.
Wormseed, 5c. per lb.

Reduced

Citronella, Ceylon, 2c. per lb.
Java, 2c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
90.2	90.0	89.0	70.1

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Sweet, true material was higher at 80c. to 85c. per pound. Demand was said to be very good and equal to the recent volume on spot. Replacement costs were substantially firm and quantities available for shipment to this country were not large. Stocks were in strong hands locally.

Amyris.—Most sellers have stopped stocking the article; sales for technical purposes involve very small quantities and the red tape connected with disposal of the article makes handling it unprofitable. Prices were $3 to $3.25 per pound.

Anise.—No further decline in prices was reported and for the most part values were in firm position because of the absence of normal stocks and the high cost of replacements as offered from the source. Demand was moderate. Sellers continued to be somewhat reserved. Last December, 9,485 pounds were imported from France; 10,066 pounds from the United Kingdom; 21,000 pounds from Hongkong, and 4,200 pounds from Japan—totaling 44,751 pounds.

Bergamot.—In the month of December last, 1,130 pounds were imported from France, 53 pounds from Germany, 2,822 pounds from Italy, and 121 pounds from the United Kingdom—a total of 4,126 pounds. Foreign market conditions continued under the strong control of the government actuated Consortium. Prices were high and tending higher. On spot, a similar situation prevailed.

Bois de Rose.—Prices continued firm, but the market was active only within routine limits. Last December, imports from Brazil totaled 2,758 pounds; French Guiana, 3,135 pounds—a total of 5,893 pounds.

Camphor.—Importations of this item last December totaled 22,400 pounds from China and 61,154 pounds from Japan—a total of 83,554 pounds. The market on spot last week was very steady. Prices in the primary market were firmly maintained at the higher levels recently set. Demand was normally active.

Caraway.—Somewhat irregular request was the rule last week, buyers' requirements being usually down to a jobbing basis. However, in view of primary market quotations, spot values showed a deal of stability. Importations last December totaled 1,350 pounds from the Netherlands.

Cassia.—Undertones locally were very firm. Demand was good and the movement into consumption added to the strength contributed to the spot by the position of the article in China during recent periods. Importations last December totaled 12,180 pounds from China.

Cedarleaf. — Comparatively small stocks continued to be the rule, and to some extent prices were close to being nominal in a number of directions. Reserves were said to be somewhat larger than they were a year ago, but at that they were still far below normal.

Cinnamon.—So far as local conditions, prices, and trading were concerned, the market lacked new developments. Values were generally steady in all quarters on spot, and replacement costs were firm at the sources of supply. Importations last December totaled 12,555 pounds from the United Kingdom, and 9,332 pounds from Ceylon.

Citronella.—Prices declined. Ceylon oil in drums went to 44c. to 46c. per pound; cans, 46c. to 48c.; Java oil, 45c. to 47c., according to container. Demand was fairly good, although some slowing down of movement to soap manufacturers was reported in some directions. Importations last December totaled 6,105 pounds from Guatemala, 51,027 pounds from Ceylon, and 190,044 pounds from Netherland India.

Clove. — Producers have advanced their quotations again and the price of oil in drums became $1.20 per pound; cans, $1.22. This partially covered the much higher cost of production that has resulted from continued rise in prices paid for raw material.

Cubeb.—Sales were made at the higher level of $3 to $3.10 per pound and in keeping with the well-maintained prices on raw material, the position of this oil showed steady improvement and strength throughout the past week.

Eucalyptus.—A strong market was the result of heavy need this year, and the inability of dealers to secure normal shipments from the sources of supply. Last December 280 pounds were imported from Canada; Japan, 4,000 pounds; Australia, 39,456 pounds—a total of 43,736 pounds.

Geranium. — Values locally were steady and at the sources of supply they show no unsettlement so far as Algerian and Bourbon oils were concerned. Turkish oil was higher at $2.55 to $2.65 per pound, responding to developments surrounding the article in its primary market. Imports last December totaled 26,034 pounds; 10,187 pounds came from France; 6,381 pounds from Algeria, and 9,466 pounds from French Africa.

Ginger.—Production costs held high

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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and in some quarters, were higher because of the advanced prices paid for raw material. Oil was quoted higher at $6 to $7.25 per pound, prevailing according to seller and quality.

Lavender.—Conditions changed little, or not at all, last week. Trading was generally routine in character, but volume was sufficient to keep prices generally well maintained at all times. Spike lavender continued to be very firm. Imports of that article last December totaled 8,827 pounds, of which quantity 2,205 pounds came from France and 6,622 pounds came from Spain. Last December 24,292 pounds were imported from France; Switzerland, 110 pounds; United Kingdom, 14,235 pounds—a total of 38,637 pounds.

Lemon.—A strong market continued unabated and lacking in signs suggestive of any easier situation to be developed in the nearby future. Demand was moderate as to quantities required on individual orders, but the total of trading was fair. Prices were generally called very firm. Importations last December were:—From France, 441 pounds; Germany, 14 pounds; Italy, 25,175 pounds; United Kingdom, 4 pounds—a total of 25,634 pounds. No terpeneless oil was imported.

Lemongrass.—The market was moderately easier locally and there seemed to be somewhat more competition than had been the case in the recent past Prices were noted at 57c. to 62c. per pound, as to seller. Last December 17,924 pounds were imported from British India.

Lime.—Importations were large recently but the market seemed able to absorb the arrival without a weakening of prices. Demand was routine but about normal in size. Last December, 50 pounds were imported from the Netherlands, 224 pounds from the United Kingdom, 25 pounds from Canada, 2,634 pounds from Mexico, 245 pounds from Trinidad and Tobago, and 2,137 pounds from other British West Indies sources —a total of 5,315 pounds.

Mace.—Because of production costs, prices were advanced to the basis of $1.20 to $1.25 per pound, prevailing according to quantity, and the market had a generally strong undertone, backed by very good demand.

Nutmeg.—Values were higher at $1.20 to $1.25 per pound. The cost of manufacture has risen steadily of late and last week reached a point where producers were forced to raise quotations. Several advances in prices had been made over the past several weeks.

Orange.—The market was no less steady than it had been for some time past and the outlook seemed to favor continued strength of a sort likely to keep values tending upward when demand expands in the not far distant future. Last December, 4,540 pounds were imported from France; Germany, 22 pounds; Italy, 1,575 pounds; Netherlands, 10 pounds; Spain, 874 pounds; Jamaica, 3,583 pounds—a total of 10,604 pounds. December imports of terpeneless oil totaled 110 pounds, 100 pounds coming from Italy, and 10 pounds from Canada.

Origanum.—Nothing has been imported from Spain for some time past and the spot price for Spanish oil of genuine, pure sort was very firm. In December, 2,481 pounds were imported from Palestine, and 3,351 pounds came from Syria—a total of 5,832 pounds.

Palmarosa.—Replacement cables continued to climb, and spot stocks continued to shrink. Combined, the two market influences caused sellers to advance quotations to the basis of $2.75 to $3 per pound, and they showed considerable reserve in making offerings. Last December, 1,900 pounds were imported from British India.

Patchouli.—The interest disclosed in this item was about normal and hence prices were generally firm to steady at all times last week. Stocks were of fair size locally, and those at the source lacked signs of price weakness. Last December 26 pounds were imported from the Netherlands; British Malaya, 1,000 pounds; Netherlands India, 578 pounds—a total of 1,604 pounds.

Petitgrain.—The market lacked more than moderate activity but undertones continued to be steady and prices were held generally firm. Last December, 522 pounds were imported from Argentina, and 6,610 pounds reached here from Paraguay—a total of 7,132 pounds.

Peppermint.—Lack of much activity seemed to be unsettling the market for this oil slightly. For some time past demand has been irregular, and dealers had reported that were it not for the fairly firm position of oil in the primary market, local competition might have been productive of lower spot prices. Last week no open change in prices was made but the situation was unsettled and it was not certain that values might not be shaded occasionally.

Rosemary.—The market was very firm, and a fair demand from soapers tended to keep prices well maintained, especially as stocks were not too plentiful. Last December, 100 pounds were imported from France, and 3,286 pounds came from Spain—a total of 3,386 pounds.

Wormseed.—Stocks have decreased considerably on spot. Also, shipments from the primary market have been sufficient to shrink the supply substantially. Locally, quotations were raised to the basis of $2.55 to $2.65 per pound, and stocks available at the minimum figure were very small. A good export interest was disclosed.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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Aromatic Chemicals

Anethol.—Production cost has risen sufficiently to make a higher price inevitable on this item. The market last week was $1.10 to $1.15 per pound, according to seller and quantity.

Anisic Aldehyde.—Sales were made at $2.90 to $3.10 per pound, according to seller and quantity. Cost of manufacture has been raised by prices already paid for raw material—in fact, paid over a substantial period of time.

Benzylidineacetone. — Prices ranged rather widely, according to seller, quality, and quantity, but the market as a whole displayed a fairly firm undertone and values were not subject to shading at any time. Stocks were of fair size.

Citral.—Very good request was the rule, and the general position of this article was one of substantial firmness at all times. The high cost of competing material has increased interest displayed in this material.

Citronellal.—Although new production costs have been held high by reason of raw material costs, the tendency in the latter has been downward of late and hence the upward tendency in quotations on derived material has lessened. A very good call was noted last week.

Citronellol.—A somewhat irregular, but still fairly satisfactory, consuming demand was reported for this item last week and the result was a general firmness of prices and an absence of much competition in local circles.

Coumarin.—A normal call was disclosed and in view of the firm position of prices, the situation was one of considerable strength at all times during the past week. A fairly keen competition, however, was reported.

Diphenyl Oxide.—This article moved in its normally substantial volume and at prices declared in all quarters to be very firm and free from competitive influence of a sort likely materially to affect actual values on this market.

Diphenylmethane. — Undertones were steady. Demand was rather irregular and varied somewhat widely each day. Volume was moderate in the local market. Prices were said to be free from competitive influence because of the prevailing cost to replace stocks.

Eucalyptol.—Because of the cost of raw material, as well as by reason of the generally less than normal stocks of the derived article, prices on eucalyptol were declared to be strong with a tendency toward further advance. Everything depends on changes in the cost of raw material.

Geraniol.—Demand was good and the movement in some quarters was said to exceed that in recent weeks. A generally steady situation was reported, although the amplitude of stocks was the cause of some concern. Certainly in recent weeks the plentiful supply has prevented an advance that changes in the cost of production would have warranted.

Hydroxy Citronellal.—Were it not for the fact that stocks were of ample size, prices would probably be higher today because of the rising trend in the cost of raw material in the recent past. However, a reverse trend has not set in, and it was felt that quotations on this article would be retained unchanged.

Linalyl Acetate.—Interest of a substantial sort prevailed and the market as a whole was one of very steady undertones in the absence of much competition on the spot. Stocks were said to be ample to cover any reasonable expansion in present requirements of buyers.

Methyl Heptenone. — Business was usually for prompt account, dictated by the immediate needs of a conservative number of buyers. Prices prevailed steadily under the influence of moderate request.

Methylheptine Carbonate.—The wide range of $27.50 to $44 per pound covered an equally wide range in the quality of this article. The need for the same at the present time was said to be strictly jobbing in all respects. Demand was on a hand-to-mouth basis.

Dodge & Olcott Sales Meeting

The annual sales meeting of the Dodge & Olcott Company, essential oils and aromatic chemicals, this city, was held during the week of February 8. Results of business in 1936 were studied objectively with a view to analyzing and understanding the ways and means whereby that in 1937 could be improved. Plans for the present year were laid and discussed fully. On February 9, a banquet was given in the Hotel Lafayette. Twenty-seven persons attended. The guests of honor were William C. Moore, manager of the Chicago branch, and F. C. Allen, treasurer of the company. These men have been with the company fifty years, although in point of length of service, H. I. Cooper, manager of the Philadelphia office, was the oldest present, having almost completed fifty-two years with the company.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Aluminum Foil for Tea Chests:—Purchase, London, England (2555).

Carbon Disulphide Manufacturing Machinery and Equipment:—Purchase, Amsterdam, Netherlands (2564).

Cattle Dips:—Agency, Bueno Aires, Argentina (2528).

Chemicals, Industrial and Pharmaceutical:—Exclusive agency, Lima, Peru (2557).

Cosmetics, Beauty Preparations, and Specialties:—Purchase and agency, Brussels, Belgium (2531).

Dentifrices, Paste:—Purchase, Montreal, Canada (2534).

Eyebrow Pencils, Mascaras, and Nail Polish:—Agency, Guayaquil, Ecuador (2530).

Medicinals, particularly Pharmaceutical Proprietary (ethical) Specialties:—Agency, Buenos Aires, Argentina (2529).

Milk Powder:—Agency, Guatemala City, Guatemala (2544).

Oil, Neutral, Bright Stock, Bright Stock Zero, and Medium Heavy Automobile Oil:—Purchase and agency, Prague, Czechoslovakia (2566).

Powders, Lipsticks, Nail Polish, and Cold Creams:—Agency, Cairo, Egypt (2533).

Rosin:—Agency, Sao Paulo, Brazil (2532).

Shaving Creams:—Purchase, Montreal, Canada (2534).

Textile Colorists to Hear Address on Rayon Dyeing

Dr. F. Bonnet, of the Viscose Company, will give an address on "Dyeing and Finishing of Spun Rayon," at the meeting of the New York section of the American Association of Textile Chemists and Colorists, February 26. Dr. Bonnet has worked on problems of dyeing and finishing since the introduction of spun rayon. He is recognized as having perhaps a greater knowledge than anyone else of the finishing of spun rayon. An open discussion will follow the presentation of his address.

The meeting will be held in the Swiss Chalet, Rochelle Park, N. J., opening at 8:00 p.m. It will be preceded by an informal dinner, starting at half-past six. The price of the dinner will be $1.35, including tip, and the customary registration fee of 25 cents will be collected in the meeting.

Modess Changes Name to Personal Products Corp.

The Modess Corporation has changed its name to the Personal Products Corporation, effective February 15, according to T. E. Hicks, president. The choice, Mr. Hicks explained, was preceded by a decision to expand the Modess line and the first product which will be added will be "Couettes," which was bought from Johnson & Johnson. These cotton pads are described as adapted for the application of all types of liquids, and will be promoted for use with liquids, sun tan preparations, astringents, cleansers, cuticle removers, hair tonics, hair oils, hair dyes and hair brighteners.

Witco Carbon Appoints Johnson and Minnig

The Witco Carbon Company, this city, just recently organized, has appointed C. R. Johnson technical director and Carl J. Minnig general sales manager.

Mr. Johnson has had extensive experience in the rubber and carbon black industries. For a number of years he was with the Goodyear Tire & Rubber Company, as chief chemist, and later as manager of the development department. During the World War he was a major in the Chemical Warfare Service as technical director of the gas defense division. More recently he was with Godfrey L. Cabot, manufacturer of carbon black, as technical director. Mr. Minnig has had long experience in the oil and carbon black industries. He was first with the Standard Oil Company of New York; then served eight years with the American Meter Company; then with the Indian Territory Illuminating Company, and since 1921 had been in charge of natural gas products at the Phillips Petroleum Company.

Petroleum Solvents, Lubricants, Fuels

Tankwagon Prices for Solvents Advance Throughout Middle West —Boston, Providence Tankwagon Prices Also Rise—Crude Oil Output Reaches New Daily High

Tankwagon prices for petroleum solvents and industrial naphthas were advanced in the middle Western states and at additional points in the Atlantic seaboard market last week. The spread of tankwagon prices advances was in sympathy with the advance in crude costs at the end of January and the subsequent lift in prices at the refinery points. The middle Western advance embraced distributing points in Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, North and South Dakota and Wisconsin. Prices at Boston and Providence were also raised.

Although there was a general advance in refinery prices for solvents and naphthas in the Midcontinent area two weeks ago, it was learned last week that one seller was still offering at the prices that were in force previously.

Other petroleum raw materials for industry were in a firm position. Petrolatum was perhaps the strongest commodity in the petroleum group and with the overselling that some of the refiners of this article report, it was a wonder why a general mark-up in prices had not taken place already. Several sellers were behind in deliveries. Scale wax prices moved higher and were considered quite strong.

Tankwagon and dealer gasoline prices were raised with the naphthas in the middle West. The refinery market in the Midcontinent was somewhat draggy last week and the refinery position at the East Coast refinery points was also soft.

Daily average production of crude oil in United States for the week ended February 13 reached a new high, totaling 3,236,050 barrels, an increase of 65,300 barrels over the preceding week's average, according to the estimate of the American Petroleum Institute. The average for four weeks ended February 13 was 3,226,500 barrels and the average at this time a year ago was 2,774,250 barrels. Crude oil runs to stills averaged 2,787,000 barrels for 77.2 percent of refinery operation, and according to the A.P.I., 233,000 additional barrels per day were sent to stills but were unreported. The estimated average was 3,020,000 barrels against 2,980,000 barrels.

Solvents and Diluents

Prices for petroleum solvents and naphthas in tankwagon were advanced in virtually every section of the country last week. Throughout the entire middle Western area and in several distributing points along the Atlantic seaboard prices advanced as a result of the recent advances in prices at the Midcontinent and Eastern seabord refinery points. The advances in the East were in Boston and Providence; the midwestern advance embraced the states of Illinois, Indiana, Iowa, Kansas, Michigan (except the lower peninsula), Minnesota, Missouri, North Dakota, South Dakota and Wisconsin.

Cleaners' Naphthas.—Prices for tankwagon delivery in middle Western cities were advanced 0.3c. per gallon, Wednesday. The Chicago market was now 16.1c. per gallon; Decatur, 18.2c.; Des Moines, 18c.; Evansville, 14.6c. to 15.9c.; Milwaukee, 19.5c.; Minneapolis-St. Paul, 18.8c.; and St. Louis, 14.9c. to 15.9c. per gallon. Although Midcontinent refineries generally quoted 7⅞c. per gallon for tankcars, one refiner was quoting 7⅜c. per gallon last week.

Lacquer Diluent.—As in the case of other naphthas, most Midcontinent refiners advanced their prices for tankcars to a basis of 8⅞c. per gallon a few weeks ago, but it was learned last week that one refiner was still quoting 8⅜c. per gallon, Group 3.

Petroleum Thinners.—The tankwagon prices advanced 0.3c. per gallon in the middle West Wednesday, and prices were as follows:—Chicago, 16.8c. per gallon; Decatur, 17.2c.; Des Moines, 17c.; Evansville, 13.9c. to 14.9c.; Milwaukee, 18½c.; Minneapolis-St. Paul, 17.6c.; and St. Louis, 13.9c. per gallon. Effective February 12 in Boston and Providence, tankwagon prices were raised ½c., making the price 13½c. for tankwagons, with a 1c. per gallon discount for 200 gallons or more in one shipment. Prices in Wilmington were revised Thursday to 13½c. for tankwagon or drum delivery up to 200 gallons and 11½c. for over 200 gallons. The tankcar price in Providence was increased to 10c. per gallon. One refiner in the Midcontinent quoted 6⅜c. per gallon for tankcars, compared with a general market price of 6⅞c. per gallon.

Rubber Solvents. — Sellers of this commodity in tankwagon lots in Boston advanced prices to the basis of 13c. to 14c. per gallon. The refinery market in the Midcontinent sector was quoted at 7⅜c. to 7⅞c. per gallon, according to seller.

Stoddard Solvent.—Prices for tankwagons advanced in Boston to the basis of 12½c. per gallon for 200-gallon lots and 13½c. for smaller quantities. The advance in the middle West was 0.3c. per gallon, and embraced distributing points in Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, North Dakota, South Dakota and Wisconsin.

V. M. & P. Naphthas.—A leading refiner in the Southwest quoted the Group 3 tankcar market at 7⅜c. per gallon last week. Tankwagon prices advanced in Boston to the basis of 13c. per gallon for 200 gallons and 14c. for smaller lots. The rise in the middle West was 0.3c. per gallon, effective Wednesday, and the Chicago price was now 17.1c. per gallon.

Markets at Other Centers

Chicago, Feb. 18.—Advances of three-tenths cent in tankwagon prices of principal grades of petroleum solvents and diluents is the principal news of interest in this market. Tankcar prices at this time are still ruling at levels about unchanged from those recently in effect. Buying is reported at a fairly good rate. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3, Oklahoma):—blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 16.1c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.8c., tankwagon; rubber solvent, 7⅜c. to 7½c.; lacquer diluent, 8⅜c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.6c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 17.1c., tankwagon.

Tulsa, Feb. 18.—Inquiries for most grades of solvents were picking up and although an advance in the dealer prices of gasoline was made during the past week, quotations continued at 7⅜c. to 7⅞c. per gallon for cleaners, V.M.P. and Stoddard.

Lighter Fractions

Although the prices for crude and refined oils have advanced during the past few weeks, quotations for butanes, hexanes and other commodities in the group of liquefied petroleum gases continued without change. Producers reported last week that the prices were the same as those previously quoted. The demands of the market were understood to have been routine and emanating from the regular channels of consumption.

Butanes.—Conditions surrounding the market were unchanged from a week ago. Producers in the Group 3 area quoted the market at 2¼c. to 3¾c. per gallon for tankcar quantities, according to the number of cars used per month.

Heptanes.—The producers could not point to any change in the position of the market and the prices continued at the long standing level of 9½c. per gallon for tankcars of mixed material testing 77-115 degrees C, and 10½c. per gallon for normal material, also in tanks, both f.o.b. Group 3.

Hexanes.—The market was not influenced by the recent advance in crude oil prices and the rise in most refined oils. Producers in the Group 3 area continued to quote the market at 10½c. per gallon for tankcars of normal grade, f.o.b. Group 3.

Octanes.—This mixture did not alter its position and the producers were quoting the prices that have been in force for some time back.

Petrolatums and Waxes

White Mineral Oils.—Sellers did a nice business last week. The interest from spot and contract buyers improved. There was no progress to report on the O'Connor bills which were introduced in the House, one to place an import duty on imported oils, and the other to remove these oils from the free list. The price situation was firm and leaning toward the stronger side of the market.

Paraffin Waxes. — Leading refiners here returned the market to its recent position of 2.70c. per pound for 122-124 American m.p. scale and 2¾c. per pound for 124-126 A.m.p. wax. These quotations represented an advance of 5 points over the quotations of the preceding week. The holders of scale wax were strong in their views and it was freely indicated that the market might advance another 5 points this week. The low melting point waxes in the fully refined group were tightening. Scale wax interest was active, particularly from some of the convertors.

CHICAGO, Feb. 18.—Business in refined wax continued rather active, with the price structure firm, but without change in price, despite recent crude oil advances. Buyers were anxious to get material in fair sized lots. Both foreign and domestic market interest was described as good. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 9.45c. to 9.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Feb. 18.—The demand for scale paraffin wax continued to exceed the supply in this field and there were orders going unfilled, although refiners have not changed their prices which ranged from 2⅝c. to 2¾c. per pound for the 124-126 American crude.

Petrolatum.—The market was very tight last week and some refiners were understood to have been committed on their production for some weeks ahead. More than one refiner was behind on deliveries and although some sellers have advanced prices, others continued to quote at the levels that have been in force for some time. According to the sentiment in selling circles, an advance in prices would seem warranted but some suppliers continued to quote at the levels that have been in for There has been an active interest on the part of the buyers, ever since the middle of last month when first indications of a strengthening market were given.

Fuels and Lubricants

Although the posting of the leading refiners of gasoline in the local area were without change last week, the spot or open market position was a little softer. There was not a great deal of jobber buying during the week and most of the movement was applied against contracts. The retail price situation in the East was without major disturbance. Export prices at the Gulf were unchanged. The unseasonal weather continued to handicap the kerosene market and tankcar buyers were able to shade the posted prices of the leading refiners here. Pennsylvania and Midcontinent bright stocks were

Outputs and Quotas

A comparison of Bureau of Mines calculations for February production, state allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended February 13, follows:—

	B. of M. calculations.	State allowable.	Estimated output.
Kans.	170,000	187,918	175,950
Okla.	581,900	581,900	614,650
Texas	1,203,400	1,329,478	1,322,100
La.	225,100	235,700	238,650
Ark.	28,500	.....	26,400
East.	114,300	.....	115,150
Mich.	29,400	.....	29,750
Wyo.	41,900	.....	52,800
Mont.	14,700	.....	15,400
Colo.	4,500	.....	3,600
N. Mex.	81,600	92,600	97,200
Calif.	573,300	*551,000	594,400
Totals	3,068,600	.....	3,286,050

* Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline prices at the Midcontinent refineries were soft. Tankwagon and dealer prices for gasoline were advanced 0.3c. per gallon throughout the Middle West and retail prices were advanced correspondingly in most of the cities affected.

	Feb. 19	Feb. 12	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.354	$1.354	$1.252
Gasoline prices at refineries (at four refining centers) per gallon	.05375	.057185	.0553125
Gasoline prices at service station (average for ten marketing centers—including tax) per gallon	.1926	.1920	.1907

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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PORT AUTHORITY COMMERCE BLDG.
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advanced and cylinder oils in Pennsylvania were also higher.

Tankwagon Price Changes

MIDDLEWESTERN TERRITORY:—Standard Oil Company of Indiana advanced tankwagon prices and prices to dealers on the three grades of motor gasoline in Illinois, Indiana, Iowa, Kansas, Michigan (except lower peninsula), Minnesota, Missouri, North Dakota, South Dakota and Wisconsin 0.3c. per gallon February 17. Subnormal prices advanced correspondingly in the same area.

Market Conditions

Gasoline.—Although the posted prices of leading refiners held without change at the advanced levels of two weeks ago, the spot market position was inclined toward softness and offering prices in the open market were fractionally lower than the refiners' quotations. There was little jobber purchasing reported last week and most of the movement of gasoline was against contract. The prices named by leading refiners were as follows:—U.S. motor, 62-63 octane, 7c. per gallon; U.S. motor, 65 octane, 7¼c. per gallon, and branded qualities 7½c. per gallon. These quotations were f.o.b. refinery. The principal event in the retail market last week was the 0.3c. per gallon rise in tankwagon and dealer prices throughout the middle West. The export market at the U.S. Gulf was unchanged last week with quotations as follows:—U.S. motor, 5⅝c. per gallon; 60-62, 400 e.p., 5¾c. per gallon; 60-62, 390 e.p., 5⅞c. per gallon, and 64-66, 375 e.p., 6c. per gallon.

Kerosene.—Spot market purchasers could have shaded the posted market by ¼c. per gallon in certain directions, but the leading refiners in the district continued to quote the market at 5¾c. per gallon for tankcar quantities of 41-43 water white material, at refinery. The weather of the past week was a handicap to the market and the demand was mainly against contract. There were no changes reported in retail prices here. The export market at the U. S. Gulf continued unchanged last week with prime white named at 5c. per gallon and water white at 5¼c. per gallon.

Fuel and Gas Oils.—The bunker oil market continued in a firm position with prices for C grade quoted at $1.20 per barrel at the local terminals. Furnace oils continued in good demand at firm and unchanged prices. The Diesel oil situation has not changed but the market was firm at the price that has been long standing.

Lubricating Oils. — Pennsylvania bright stocks and cylinder oils were advanced ½c. per gallon last week. Midcontinent refinery prices were also advanced. Regular pour grades of bright stocks in Pennsylvania were quoted at 26½c. per gallon, including tax, and the 10-15 pour grades were named at 27½c. per gallon. Tax included prices for cylinder oils, at Pennsylvania refineries, were as follows:—600 fire, 19c. per gallon; 600 flash, 21½c.; 630 flash, 22½c.; 635 fire, 20c.; 650 fire, 20½c., and Warren E. 21½c. per gallon.

Markets at Other Centers

Tulsa, Feb. 18.—Several refiners raised gasoline prices following the advances in the dealer prices throughout the middle West while others who had raised quotations immediately following the recent 12c. hike in crude oil prices continued their quotations. These advances were having the effect of narrowing down the range of quotations in the gasoline market, but uniformity was lacking. Each one still quotes differently. Some of the larger plants maintained the ½c. gallon raise while others are edging up to it slowly by eighths and occasionally receding when the demand lags. Slowly, however, the average price was rising even though the disparity of nearly 1c. per gallon still prevailed. There was a large amount of buying in the East Texas market which has brought firmness in that area. Offerings, however, were well scattered. And the market lacks stability.

In the heavy fuel oil list there was again a strong demonstration last week. Several refiners advanced quotations 5c. per barrel in the lowest grades. Buying by the railroads continued outstanding and it is said that these consumers were even asking for shipments in excess of current requirements. In the belief that the heavy fuels structure will appreciate further, these large consumers are building up inventories. Industrial plants were also large bidders.

Kerosene was also advanced another ⅛c. per gallon during the past week.

Following were the prices of refined products in the Mid-continent field on the basis of Group 3 quotations.

GASOLINE (refinery).—The third grade low-octane was still the slowest grade and the easiest. It continued to be quoted from 4⅜c. per gallon in the spot resale market to the high of 5⅜c. in the contract market. The offerings at the lowest quotation, however, were decreasing as some large buying in the East Texas field had been effected at 4⅝c. per gallon spot. The 63-67 octane ranged from 5⅛c. for spot resale to 5¾c. on contract and the 68-70 octane from 5¾c. to 6½c. per gallon. The 68-70 degree in gravity was raised ¼c. a gallon and ranges from 5c. to 5¾c. a gallon.

GASOLINE (natural).—This market held recent gains although more offerings were coming in. It was believed that current quotations of 3½c. to 3¾c. per gallon for the 26-70 pound grade will hold for the early part of the coming week. The 18 pound ranges from 4.20c. to 4½c. per gallon and the 22 pound from 3.85c. to 4⅛c. per gallon.

KEROSENE.—The 41-43 was generally quoted 4⅛c. to 4¼c. a gallon and the 42-44 from 4¼c. to 4⅜c.

DISTILLATES.—The No. 1 and No. 2 prime white to light straw ranged from 3⅞c. to 4c. per gallon although the volume is extremely limited. No. 2 dark and No. 3 ranged from 3⅝c. to 3¾c. per gallon.

FUEL OIL.—There was practically no fuel regardless of the viscosity or cold test available below 80c. Even at the latter price the offerings were extremely light for gravities below 15 degrees. The 18-22 high cold test was 85c. and the 24-29 degrees low cold test ranged from $1.07½ to $1.15 per barrel.

LUBRICANTS.—The strong demand persists for all grades of bright stocks and prices with a ½c. advance now ranged from 16½c. per gallon for the 100 "D" to 22c. per gallon for the 190 vis "D". There were readjustments in the blended oils which ranged from a reduction of ½c. per gallon in No. 10 color 4 to an increase of ½c. per gallon in the No. 70, color 4.5 at 19c. per gallon.

Chicago, Feb. 19.—The advance of three-tenths cent a gallon in tankwagon prices for gasoline in the general middle western territory was the event of most general importance to the market. At this moment, there has been little reflection of the move in the tankcar market, insofar as actual prices are concerned, although tone seems to be quite a little better. Consumption, too, has picked up a little from early February, and trade orders appear to be more active again. Kerosene is extremely strong, and is being hunted eagerly by buyers for the coming months. No. 1 furnace oil is tight, other heating products slow. The heavy industrial oils are the strongest of all. Lubricants remain quiet, but strong.

GASOLINE.—Low octane motor, 4¾c. to 5c. per gallon; middle octane motor, 5⅛c. to 5¾c.; high octane motor, 5¾c. to 6c.; 60-62, 400, 4¾c. to 5c.; 64-66, 375, 5c. to 5¼c.; 68-70, 360, 5¼c. to 5½c.

KEROSENE.—42-44, water white, 4¼c. to 4⅜c. per gallon; 41-43, water white, 4⅛c. to 4¼c.

FURNACE OILS.—No. 1 prime, 3⅞c. to 4⅛c. per gallon; No. 1 straw, 3⅝c. to 3⅞c.; No. 2 straw, 3⅜c. to 3¾c.; No. 2 dark, 3½c. to 3⅝c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 3 zero, 3½c. to 3⅝c. per gallon; No. 4, $1.10 to $1.15 per barrel; No. 5, 87½c. to 90c.; No. 6, 80c. to 82½c.

New Orleans, Feb. 18.—With the exception of kerosene, all prices remained stationery during the past week. Foreign inquiries and exports were both good. U. S. motor gasoline was quoted at 6¼c. per gallon at refinery. U. S. motor below 62 octane was quoted at 6½c., 63-67 octane at 6½c. and 68-70 octane at 7c.—all prices being per gallon at refinery.

An advance of ½c. was reflected by kerosene, the current quotation was 7½c. per gallon at refinery.

Bunker C fuel oil was quoted at $1 per barrel at terminal and $1.05 per barrel delivered alongside, while industrial plants were quoted at $1.41 per barrel, delivered.

Philadelphia Exports

(Continued from page 62)

PARAFFIN—21 bbls, Camamu, Rio de Janeiro; 1,292 bbls, Gloucester City, Bristol; 420 bbls, Sagaporack, Gothenburg; (Nailsea Manor) 300 bgs, Oporto; 290 bbls, 4,500 bgs, Casablanca; (Examiner) 2,880 bgs, Casablanca; 720 bgs, Morocco
REFINED—102 bgs, Gloucester City, Bristol
PETROLATUM, LIQ—3 dms, Camamu, Rio de Janeiro
POLISH—7 pls, Tacoma, Sao Paulo
OIL, FLAVORING—1 cs, Camamu, Rio de Janeiro
ILLUMINATING—(Camamu) 3,000 cs, Victoria; 5,500 cs, Rio Grande do Sul
LUBRICATING—15 dms, Tacoma, Sao Paulo; (Camamu) 25 dms, 220 ctns, 75 cs, Rio de Janeiro; 30 cs, 20 dms, Santos; 140 dms, 105 cs, 100 ctns, Rio Grande do Sul; 45 dms, 20 cs, 75 ctns, Paranagua; 25 dms, 144 bbls, Gloucester City, Cardiff; (Sagaporack) 66 dms, 1 can, 200 ctns, Gothenburg; 65 dms, Copenhagen; 122 dms, 54 bxs, Stockholm; 3 dms, Helsingfors; (Nailsea Manor) 150 dms, 555 pkgs, Lisbon; 199 pkgs, Leixoes; 33 pkgs, Pissao; 26 pkgs, St Vincent; 12 pkgs, Cabinda; 20 pkgs, Diolo; 23 pkgs, Thome; 4 pkgs, Benguela; 44 pkgs, Loanda; 990 pkgs, Casablanca; 36 pkgs, Gibraltar; 33 pkgs, Oudjda; 81 pkgs, Tangier; 725 bbls, Marseilles; 1,630 pkgs, Saigon; 120 pkgs, Haiphong; 5 dms, Jefferson Myers, Mollendo; (Examiner) 50 dms, Casablanca; 25 dms, 10 bbls, Algiers; 15 dms, Tunis
TRANSFORMER—(Camamu) 20 cs, Rio de Janeiro; 10 cs, Santos; 5 cs, Rio Grande do Sul
RUBBER SOL—10 dms, Sagaporack, Stockholm
SAND, FILTER—85 bgs, Nailsea Manor, Lisbon
SODA ASH—5 bbls, 1 dm, Sagaporack, Gothenburg
SODA BICHROMATE — 3 pls, Tacoma, Sao Paulo
CYANIDE—6 dms, 1 bx, Sagaporack, Gothenburg
THORIUM NITRATE — 2 cs, Sagaporack, Stockholm

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1937	1936
	Jan. 1-Feb. 20	Jan. 1-Feb. 20
Commercial crude oil production	162,445,000	143,167,000
	Week ended Feb. 20, 1937	Week ended Feb. 22, 1936
Daily average production	3,264,900	2,770,600
	Week ended Feb. 13, 1937	Week ended Feb. 13, 1936
Estimated motor fuel stock total	*73,585,000	70,535,000
Estimated finished motor fuel stock at refineries	*46,809,000	44,145,000

* Bureau of Mines basis.

Port Arthur Exports

Clearance Dates

Erlangen, February 2; Florida, January 31; Havprins, January 30; Martin Goldschmidt, February 2

ASPHALT—(Martin Goldschmidt) 55 dms, 5 bxs, Havana; 4 bxs, Antilla; 1 cs, Belize
PETROLEUM—3,152 bbls, Floride, Havre; 5 dms, Erlangen, Sydney
CLEANER, DRY—(Erlangen) 5 cs, Brisbane; 10 cs, Sydney
GASOLINE—(Martin Goldschmidt) 50 bbls, Tegucigalpa; 400 bbls, 750 cs, San Pedro Sula; 400 cs, 120 bbls, Ceiba; 100 cs, 300 bbls, 100 dms, Belize
GREASE, LUBRICATING—(Floride) 261 bbls, 39 hlf bbls, 85 ctns, 25 cs, Havre; 113 bbls, 50 ctns, 2 hlf bbls, Bordeaux; (Erlangen) 100 dms, Brisbane; 512 dms, Adelaide; 22 dms, Melbourne; 102 dms, 3 cs, Sydney; (Martin Goldschmidt) 30 dms, 45 cs, San Pedro Sula; 549 dms, 280 cs, Havana; 73 dms, 1 cs, Antilla; 60 dms, 35 cs, Guantanamo; 165 dms, 84 cs, Santiago; 102 cs, 100 bbls, Belize
KEROSENE—(Martin Goldschmidt) 500 cs, Tegucigalpa; 1,600 cs, San Pedro Sula; 1,200 ctns, 50 bbls, Ceiba; 100 dms, Belize
OIL, DIESEL—20 dms, Erlangen, Melbourne
LUBRICATING—210 dms, 231 bbls, Floride, Havre; (Erlangen) 1,457 dms, 5 cs, Brisbane; 100 dms, Adelaide; 2 cs, 1,137 dms, Melbourne; 5 cs, 1,561 dms, Sydney; (Martin Goldschmidt) 15 dms, 60 cs, San Pedro Sula; 2 dms, Ceiba; 1,337 dms, 992 cs, Havana; 50 dms, 54 cs, Antilla; 95 dms, 80 cs, Guantanamo; 173 dms, 217 cs, Santiago; 23 dms, 9 cs, Belize
PETROLEUM, CRUDE—88,625 bbls, Havprins, Bordeaux
POLISH, AUTO—5 cs, Erlangen, Brisbane
SOLVENT, CLEANING—10 dms, Erlangen, Melbourne
WAX—(Erlangen) 18 dms, 6 bgs, Brisbane; 25 cs, Adelaide; 1,000 dms, 800 bgs, Melbourne; 11 bgs, Sydney

Savannah Exports

Clearance Dates

Port Brisbane, February 6; Saccarappa, February 8

CHINA CLAY—19 bbls, Port Brisbane, Sydney
CLAY—1,000 bgs, Saccarappa, London
OIL, PINE—(Port Brisbane) 1 bx, Brisbane; 15 dms, Sydney; 6 dms, Melbourne; 2 dms, Adelaide; 5 dms, Fremantle
ROSIN, GUM—(Port Brisbane) 149 bbls, Brisbane; 120 dms, 1,222 bbls, Sydney; 623 bbls, Melbourne; 80 bbls, Adelaide; 371 bbls, Fremantle; 10 bbls, Perth; 650 bbls, Saccarappa, Rotterdam
SIZE, DRY—100 bgs, Saccarappa, Antwerp
TURPENTINE, GUM—(Port Brisbane) 100 cs, Brisbane; 120 pls, 451 dms, 140 cs, Sydney; 382 cs, 222 dms, Melbourne; 25 cs, Launceston; 75 dms, 150 pls, Adelaide; 25 pls, 265 cs, 5 dms, Fremantle; 10 cs, Geraldton; 3 dms, 100 cs, Perth; (Saccarappa), 450 bbls, London; 150 bbls, Rotterdam; 187 bbls, Antwerp
WOOD—2 dms, 200 pls, Port Brisbane, Brisbane

Tampa Exports

Clearance Dates

W M Delphia, February 9; General Tosta, February 8

DISTILLATE—46 bbls, W M Delphia, Roatan
GASOLINE—1 dm, General Tosta, Belize; (W M Delphia) 5 bbls, Roatan, 75 bbls, Belize
KEROSENE—8 bbls, W M Delphia, Roatan

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—80,871 bbls, Aurora, Baltimore; 79,269 bbls, S M Spalding, Baytown
CRUDE—91,023 bbls, Christy Payne, Baytown
OIL, FUEL—1,873 bbls, Aurora, Baltimore; 7,448 bbls, Walter Jennings, Baytown; 1,298 bbls, Bohemian Club, Harbor Island; 3,597 bbls, Cities Service Missouri, New York; 3,632 bbls, Halsey, New York
GAS—39,888 bbls, Cities Service Missouri, New York
PETROLEUM, CRUDE—78,167 bbls, Dean Emery, Baytown; 218,166 bbls, Fred W Weller, Baytown; 83,013 bbls, Thermo, Texas City; 71,877 bbls, W W Mills, Marcus Hook; 45,935 bbls, Dannedalke, Texas City; 1,139 bbls, Aurora, Baltimore; 68,967 bbls, George W Barnes, Baytown; 96,205 bbls, Chester Sun, Baytown; 200,003 bbls, Chilbar, Texas City; 80,163 bbls, Elisha Walker, Baytown; 146,970 bbls, John D Archbold, Baytown; 62,026 bbls, Beta, Texas City; 110,260 bbls, Walter Jennings, Baytown; 110,495 bbls, Wm G Warden, Baytown; (Virginia) 138,526 bbls, Port Arthur; 68,292 bbls, Port Neches; 141,506 bbls, G Harrison Smith, Baytown; 140,012 bbls, Charles G Black, Baytown; 28,261 bbls, Alabama, Port Arthur; 147,488 bbls, Wm Rockefeller, Baytown; 109,381 bbls, F Q Barstow, Baytown; 65,734 bbls, W L Steel, Baytown; 95,336 bbls, F W Abrams, Baytown; (Federal) 20,064 bbls, Houston; 30,089 bbls, Port Arthur; 109,690 bbls, James McGee, Baytown; 70,448 bbls, L J Drake, Baytown; 33,761 bbls, Cities Service Missouri, New York; 93,971 bbls, R G Stewart, Baytown; 59,857 bbls, Halsey, New York; 144,597 bbls, Huguenot, Baytown

Galveston Coast Trade

SULPHUR — (Point Sur) 2,600 tons, Port Angeles; 1,000 tons, Grays Harbor; 1,000 tons, Portland

Los Angeles Coast Trade

GASOLINE — 22,341 bbls, Arizona, Seattle; 6,635 bbls, S & C No 41, San Diego; 10,841 bbls, S & C No 2, San Diego
KEROSENE—1,846 bbls, Arizona, Seattle
OIL, DIESEL—33,014 bbls, Arizona, Seattle; 1,903 bbls, S & C No 41, San Diego; 33,184 bbls, Kewanee, Avon
FUEL—59,667 bbls, Eagle, Portland; 66,643 bbls, Paul Shoup, Seattle; 49,013 bbls, Torres, Portland

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Two Weeks Ended February 17

Caraway seed, 200 bags; filthy.
Celery seed, 78 bags; filthy.
Cocoa beans, 530 bags, mouldy.
Chlorophyl, technical, 2 cases; restricted use.
Cod oil, technical, 24 drums; restricted use.
Codliver oil, 120 drums; non-destearinated and not so labeled.
Coriander seed, 178 bags; filthy.
Colocynth pulp, 27 bales; excess acid insoluble ash and seeds.
Digitalis leaves, 33 cases; not U. S. P.
Dill seed, 86 bags; filthy.
Medicinal preparations, 18 cases; false therapeutic claims.
Mineral water, 2 cases; false therapeutic claims. No quantity of contents declaration.
Nutmegs, technical, 865 bags; restricted use.
Orange juice, concentrated, 9 cases; false therapeutic claims; added acid, and sulphur dioxide not declared.
Poppy seed, 300 bags; filthy.
Stramonium leaves, 48 bales; not U. S. P.
Thyme leaves, 20 bags; adulterated with worthless thyme.

Atlanta

Two Weeks Ended February 17

Medicinal preparations, 2 cases; false therapeutic claims.

Boston

Two Weeks Ended February 17

Cocoa, 2,283 bags; mouldy.
Cocoa beans, 250 bags; mouldy.
Codliver oil, 16 drums; not U. S. P.
Orange flower water, 2 cases; not U. S. P.

Buffalo

Two Weeks Ended February 17

Medicinal preparations, 9 cases; false therapeutic claims.
Medicinal preparation, 1 case; false therapeutic claims; alcohol and chloroform not declared.

Los Angeles

Week Ended February 11

Peppers, 876 crates; net weight not declared.

Philadelphia

Week Ended February 17

Cocoa beans, 142 bags; damaged by water.
Medicinal preparations, 8 cases; false therapeutic claims.

San Francisco

Week Ended February 11

Medicinal preparations, 1,437 pieces; false therapeutic claims.

Seattle

Week Ended February 11

Medicinal preparations, 1 case and 223 pieces; false therapeutic claims.

Fertilizer Materials

Dullness Continues to Characterize Trade—Texas House Committee Favorable Toward Sulphur Tax Increase—Packing-House Ammoniates Continue to Sag

The fertilizer raw materials market ran true to expectations last week. The market was dull and uneventful with the volume traded held within narrow proportions. Further easiness in the packing-house by-products was the only noteworthy feature. Fertilizer producers were not particularly responsive to the sagging prices for animal ammoniates and the feeding buyers were also out of sympathy with the market. Buyers were also indisposed toward the current prices for fish products albeit the entire offerings of futures at Fernandina were snapped up quickly. Bone materials followed a very irregular price course last week.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone, raw, dom., 4½ & 50, ports, 50c. per ton.
Fish meal, Japanese sardine, spot, $1 per ton.

Reduced

Blood, dom., New York, 25c. per unit.
Bone meal, 3 & 50, Chicago, $1 per ton.
steamed, import, 1 & 65-70, 50c. per ton.
Tankage, dom., ground, New York, 15c. per unit-ton.
import, March-April, 10c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
64.0	64.0	64.0	57.7

Market news that may have developed after this report was sent to press will be found on page 4.

Weather conditions have been more favorable for the movement of mixed the truck crops area in the deep South. the truck crops area in the deep south. Elsewhere in the South, little soil preparation has been done and the season will doubtless be late.

Nitrate of soda was moving a little faster than previously, but there was still a large quantity of nitrate yet to be moved from the ports. Sulphate of ammonia has been favored with a running demand from some of the smaller and intermediate-sized buyers. Calcium nitrate has been getting a good play from the trade.

The potash market was without feature during the week. Sellers did not expect much buying attention over the balance of this month and with the season running late, most buyers would not be able to estimate their fill-in requirements until next month.

The move to increase the sulphur severance tax in Texas was favorably reported out of committee last week. The Graves bill to raise the tax to $2 per ton was sent to the floor of the Texas house after a committee had previously reported unfavorably on a proposal to include the sulphur tax proviso in a general tax bill.

Ammoniates

Nitrate of Soda.—The demands of the market continued to evidence some growth, but the sales were still characterized by the sellers as having been light. Prices continued in a steady and unchanged position at the schedule which has been in force for some time.

Sulphate of Ammonia.—Seliers reported a daily demand from some of the smaller and the intermediate sized buyers. Although the tonnage moved from the ovens was not very heavy, the market was active when compared with the listless position of other ammoniates. Prices continued in a very steady position and the schedule held at the advanced level which became effective February 1.

Dried Blood.—The markets continued to show an easy tone. Although there have been no sales at less than $4.25 per unit in the New York market, offering prices in mid-week were around $4 per unit with no takers. The Chicago market was quoted at $4 per unit flat against $4 to $4.10 per unit a week ago. Importers continued to quote $3.90 per unit, c.i.f. for April shipments from abroad.

Castor Pomace.—The market continued tight and the domestic product ranged from $23 to $24 per ton, f.o.b. seller's plant. The first-hand suppliers were generally asking the $24 figure and re-sellers were taking $23 per ton. The foreign situation was the same as it has been for months, with no free supplies available abroad. It was understood also that European suppliers were pretty well committed on futures too.

Fish Scrap.—It was reported last week that the Fernandina fishermen had sold all of their estimated production of future contracts. Florida fishing begins March 15 and several hundred tons have been booked at around $3.90 and 10c. per unit-ton. Resale Japanese sardine meal at Atlantic ports or for nearby arrival was held firmly for $55 per ton and so far as could be learned there was no more $54 material available. Shipments from abroad were again behind schedule and the best that the importers could offer him for late Spring or Summer shipment.

Hoof Meal.—The Chicago market was without a basic change last week as $3.25 per unit represented the tradable figure, albeit some holders were reported to be asking $3.30 to $3.40 per unit.

Nitrogenous Material.—It was reported last week that foreign suppliers were offering futures for shipment over the balance of the year at $3 to $3.05 per unit, basis c.i.f. The trade's reaction to this price level as an indicator of organic values for next season, was not determinable readily. The spot markets remained unchanged with little offered for prompt delivery except at certain East Coast points, where $3.60 to $3.70 per unit were the figures asked at the most recent reports of a fortnight ago.

Tankage.—Easing prices continued to feature the market. Imported material was offered for March-April shipment from abroad at $4 and 10c. per unit-ton, a reduction of 10c. from the asking figure a week ago. Ground material in New York moved down to the $4 and 10c. per unit-ton levels, which had been named for the unground article. The reduction in the price of ground was 15c. per unit from the asked figure of a week ago. The sale of this commodity here and in the mid-West was very slow, and the market was characterized by weakness.

Potashes

The potash market moved along a quiet course that had been expected by the sellers. The market was expected to continue in its present dull state for the balance of this month and sellers did not look for any lift in activity until the buyers could estimate what their spot market needs would be. Although heavy rains have retarded the season, weather conditions have been more favorable in the past ten days and some action in the way of purchasing spot market requirements might be witnessed in the opening part of next month. The trade seemed well covered on its purchases at the discount prices in the early part of the season and the general opinion around the market was that the fill-in demand would not be large.

Phosphates

Some bone materials were in an easier position last week while others moved onto higher price levels and the general state of the market was mixed. Purchasing interest was light. The sale of superphosphate against contracts was light and there was very little interest in new business.

Bone Materials.—The price of domestic 4½ and 50 raw bone at Atlantic ports was advanced 50c. per ton last week to the basis of $36.25 per ton. The price of imported 1 and 65-70 steamed bone was reduced 50c. per ton to the level of $25.50 per ton, c.i.f. ports. Quotations for 3 and 50 meal in Chicago was $1 per ton cheaper than a week ago with offerings at $22 to $24 per ton. Steamed 1¼ and 60 material in Chicago was quoted at $20 to $21 per ton last week, compared with $20 to $22 per ton a week ago.

Superphosphate. — The deliveries against contracts were still rather light and there has been very little new interest in the market. Quotations were without change.

Sulphur and Pyrites

After a committee of the Texas legislature had voted unfavorably to include the provision for an increase in the sulphur severance tax to $2 per ton, a general revenue raising measure, the Graves bill, which has the same purpose with regard to sulphur, was passed favorably by the committee and reported to the floor of the House. The present tax is $1.03 per ton.

Markets at Other Centers

Atlanta, Feb. 18.—Fertilizer factories in the South were actively producing mixed goods for Spring use. How much more materials will be required remained to be determined by the demands of an already late season. Brokers were, however, hopeful that the mixed goods demand will be larger than that of last year, in which case there will be considerable more materials bought.

Fertilizers were beginning to move to the farm in the lower cotton belt and truck belt, but little interest is shown by farmers elsewhere.

Except for organic ammoniates, which were being quoted at lower prices, the market was reported steady.

Quotations are as follows:—

SUPERPHOSPHATE.—$11.30 per ton, interior producing points.

NITRATE OF SODA.—$25.50 per ton, port basis.

SULPHATE OF AMMONIA.—$27 per ton, ports and Southern producing points.

COTTONSEED MEAL.—$34 per ton, interior mills.

TANKAGE.—$3.75 and 10c. per unit, Chicago.

BLOOD.—$4 per unit, Chicago.

NITROGENOUS.—$3.60 to $3.75 per unit, port basis.

Baltimore, Feb. 18.—With the first heavy snow of the Winter in this section of the country, quiet in the fertilizer trade has been further accentuated. Inquiry for supplies was light. The current quotations were as follows:—

FISH SCRAP.—Transactions in Florida scrap to the extent of about 1,300 tons on a when-and-if-made basis were reported at around $3.90 and 10c. per unit-ton, equal to about $50 per ton f.o.b. Baltimore. The fishing off the Florida coast will start March 15. Resale sardine meal was quoted here at approximately $55 per ton, but not much interest was shown. Menhaden meal ranged around $58.50 per ton to $60 per ton.

TANKAGE.—Unground feeding grade ruled at $4, 15c. and 10c. per unit-ton, with ground at $4.30 and 10c. to $4.40 and 10c. per unit-ton. Fertilizer tankage was quoted around $4 and 10c. per unit-ton.

BLOOD.—Quotations ranged around $4.20 to $4.25 per unit for domestic, with South American at $4.05 to $4.10 per unit-ton.

NITROGENOUS MATERIAL.—Nearby quotations were still at $3.60 to $3.75 per unit.

GARBAGE TANKAGE.—Quotations ranged from $8.25 to $8.50 per ton, f.o.b. shipping point, which would make them about $12 to $12.50 per ton at Baltimore.

SULPHATE OF AMMONIA.—The quotation of $27 per ton was well maintained.

POTASH.—The list prices remained unchanged.

BONE.—The quotations of $28 to $30 per ton for 3 and 50 steamed bone and $38 per ton for 4½ and 50 ground raw stocks were adhered to, with 1 and 60 for later shipment held at $24 to $25 per ton.

Chicago, Feb. 18.—Purchases of representative grades of fertilizer material were on a conservative basis. Tone, if anything, was slightly easier on the products as a whole. Some price concessions were reported here and there, of fair extent. Sellers have been offering a little more of some of the organics, whereas there has been a little disposition on the part of some buyers to shy away from anything but the more necessitous type of purchases. Inquiries were still coming through fairly well. Blood was quiet and a little easier. Tankage business was also quiet. Bone materials showed little change in some items to slightly lower prices in others.

BLOOD.—Principal grade, $4.10 to $4.25 per unit of ammonia.

TANKAGE.—High grade, $3.70 to $3.75 and 10c.; low grade, $19 to $20, Middle West; liquid stick, $2.50 to $2.65; hoof meal, $3.30 to $3.45.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $20 to $21; 3 and 50 percent, $22 to $24; 4½ and 50 percent, $28 to $30; grinding hoofs, pigs' toes and

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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waste horn materials, $22 to $23; junk and hotel kitchen bones, $21 to $23; cattle jaws, skulls and knuckles, $30 to $31; pork cracklings, soft pressed, $65 to $70; beef cracklings, soft pressed, $55 to $60; hard pressed cracklings, per unit of protein, 90c. to $1.

San Francisco, Feb. 17.—The fertilizer market continues somewhat of a puzzle at the present time. Congested shipments on the docks, the result of the long maritime strike plus the factor of the freeze in the citrus belt made for a somewhat depressing condition, although the market so far has been holding quite well. First hand word from the southern portion of the state yesterday hinted that the general appearance of the situation at the moment was that there were going to be some rather important lots of resale materials on the market as a result of the freeze and congestion, owing to the inability of contracted buyers to take up their shipments. Meantime, prices on the open market have shown but little, if any, change.

Ruling prices were:—

NITRATE OF SODA.—100-pound bags, $28 per ton; 200-pound bags, $27.50 per ton; bulk lots, $26 per ton, all ex vessel San Francisco/Oakland.

AMMONIA SULPHATE.—Quoted at $27.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles, and $28.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county; latter points, $29.50. Prices good for delivery to June.

AMMONIA PHOSPHATE.—Quoted at $38 per ton, single bags; $38.50 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

POTASH NITRATE.—100-pound bags, $33 per ton, ex vessel or warehouse, San Francisco-Oakland.

SUPERPHOSPHATE.—Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor; bags, 85c. to 90c. per unit. Foreign material, 75c. per unit in bags, c.i.f. Pacific Coast.

FISH MEALS.—California sardine meal quoted at $53 per ton, prompt to deferred shipment, f.o.b. cars, Monterey/San Francisco. Japanese meal quoted on the basis of $39 to $40 per ton for fertilizer grade, ex dock, San Francisco.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, is quoted at $3.65 and 10c. per unit-ton, f.o.b. cars, San Francisco and Los Angeles. Argentine, quoted at $3.80 to $4, c.i.f. Pacific Coast. Dry rendered, domestic, ground, quoted at $1 per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 87½c. per unit.

BONE MEAL.—Domestic steamed meal, quoted according to seller and quality, at $25 to $32 per ton, delivered Pacific Coast ports.

BLOOD.—Domestic quoted at $3.75 to $3.80 per unit, f.o.b. cars, San Francisco and Los Angeles.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Superphosphate Output Rose 15 Percent in 1936

Production of bulk superphosphate in 1936 was 3,412,486 short tons, against 2,954,130 tons in 1935, and 2,868,016 tons in 1934, according to the Bureau of Census. Output of wet base and wet mixed goods was 142,459 tons, against 67,156 tons in 1935, and 62,856 tons in 1934. Shipments in 1936 totaled 2,669,060 tons, against 2,047,309 tons in 1935, and 1,949,857 tons in 1934. The 1936 shipments were divided with 1,083,935 tons going to mixers, 588,114 tons to other acidulators and in exchange transfers, and, 997,011 tons to other users.

Stocks of bulk superphosphate on hand at the end of 1936 totaled 1,133,640 tons, of which 430,222 tons were in the northern area and 703,418 tons in the south. This compared with the 1935 total of 1,217,767 tons, of which 485,572 tons were in the northern area and 732,195 tons in the south. The 1934 stocks totaled 1,159,392 tons with 456,542 tons in the north and 702,850 tons in the south. The division line between the northern and southern areas is the south line of Virginia projected westward.

Monsanto Chemical Co. Adds To Its Laboratory Facilities

The Monsanto Chemical Company reports laboratory additions to two divisions of the organization. The Rubber Service Laboratories division, Akron, O., formally opened February 2, a new and larger service laboratory at that point to take care of the growing needs and developments in the rubber industry.

The Thomas & Hochwalt Laboratories division will soon complete a new laboratory building at Dayton, O., to be devoted principally to work on physical-chemical projects. The new building, of concrete and glass construction, will be approximately 120 feet by 50 feet, with seven laboratories, a balance and instrument room, and a lecture room which will be air-conditioned.

E. V. Linson, of Bradley & Baker, fertilizer materials, this city, is the father of a boy, born February 13. The child will be named William Kenny Linson.

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ACID, BORIC—20 bgs, B F Drakenfeld & Co, Nordhavet, Leghorn
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106 bbls, Kelso, Hull
133 bbls, I R Boody & Co, Kelso, Hull
CRESYLIC—19 dms, 9 tons, 3 cwt, 9 lbs, Monsanto Chemical Co, Alaunia, Liverpool
117 dms, 56 tons, 16 cwt, 2 qtrs, 10 lbs, W A Foster & Co, Alaunia, Liverpool
100 dms, Caledonia, Glasgow
NAPHTHENIC—110 dms, Petroleum By Product Co, M C Holm, Hamburg
PEANUT OIL—72 bbls, 15 tons, 3 qtrs, 18 lbs, Cold Harbor, Dublin
SOYBEAN OIL—88 bbls, 18 tons, 5 cwt, 1 qtr, 14 lbs, Cold Harbor, Dublin
STEARIC—220 bgs, Binney & Smith, Black Falcon, Rotterdam
TARTARIC—200 bbls, Leghorn Trading Corp, Ida, Bari
ACONITE ROOT—20 bgs, R J Prentiss & Co, Conte di Savoia, Genoa
ALBUMEN, BLOOD—8 cks, Morningstar Nicol, Hansa, Hamburg
EGG HEN—11 cs, Paul A Dunkel & Co, Kiyosumi, Tientsin
56 cs, Consumers Import Co, Nankai, Shanghai
50 cs, Paul A Dunkel & Co, Nankai, Shanghai
56 cs, Consumers Import Co, Nankai, Tientsin
84 bbls, 280 cs, Nankai, Tientsin
ALCOHOL, DENATURED—324 dms, A Mersch, Angelina, San Juan
ALOE—42 cs, Selma Mercantile Corp, Flora, Curacao
1 cs, Murray & Nickells Mfg Co, Saturnia, Trieste
ALPHAMETHYLNAPHTHOL—1 cs, 154 lbs, Charles Hardy, President Roosevelt, Hamburg
ALUMINUM LEAF—8 cs, Globe Shipping Co, Hansa, Hamburg
39 cs, Rohner Gehrig & Co, Hansa, Bremen
AMMONIA CHLORHYDRATE—64 bbls, 39,705 lbs, Batory, Gdynia
ANISE—220 bgs, Saturnia, Trieste
STAR—25 bgs, Peter Maersk, Canton
ANNATTO SEED—1 bg, Otto Gerdau & Co, Colombia, Kingston
25 bgs, Colombia, Kingston
ANTIMONY ORE—1,220 bgs, National Lead Co, American Legion, Buenos Aires
241 bgs, Philipp Bros, Santa Inez, Antofagasta
400 bgs, W R Grace & Co, Chimu, Callao
REGULUS—250 cs, Mitsui & Co, Nankai, Hankow
ARECA NUTS—150 bgs, L Nommensen, Tawali, Padang
ARROWROOT—10 bbls, J P Smith & Co, American Trader, London
ARTIST'S MATERIAL—6 cs, Winsor & Newton, Andania, London
3 cs, Winsor & Newton, American Trader, London
1,334 bgs, Raw Asebestos Distr, West Cawthon, Beira
2,379 bgs, Amtorg Trading Corp., Kaganovich, Leningrad
ASPHALT—910 bgs, A V Berner & Co, Orizaba, Havana
1,135 cakes, Hansa, Bremen
1 car, A V Berner & Co, Seatrain Havana, Havana
BABASSU KERNELS—2,065 bgs, General Foods Corp, Swinburne, Maranhao
BALSAM—10 cs, Magnus, Mabee & Reynard, Santa Paula, La Libertad
28 cs, Swinburne, Para
20 cs, Dodge & Olcott Co, Cristobal, Cristobal
BARIUM, CHLORATE—40 kgs, International Selling Corp, Independence Hall, Havre
BARYTES—2 cars, P E Shundler Co, Seatrain 1,000 bgs, Smith Chem & Color Co, Nordhavet, Genoa
BAUXITE ORE—11 bgs, International Forwarding Co, Saturnia, Dubrovnik
BAY RUM—4 cs, Shaganol, Inc, San Jacinto, Ponce
BELLADONNA ROOT—16 bls, Saturnia, Dubrovnik
111 bls, Amtorg Trading Corp, Kaganovich, Leningrad
BISMUTH, REFD—200 cs, Cerro de Pasco Copper Corp, Chimu, Callao
BITUMEN—30 dms, Shell Union Oil Corp, Hansa, Hamburg
BLACK LAMP—23 cs, 3,390 lbs, Robinson-Wagner Co, Black Hawk, Antwerp
BLOOD, DRIED—370 bgs, Geck Trading Co, Seatrain Havana, Havana
BLUE, BERLIN—2 bbls, Fezandie & Sperrle, Black Falcon, Rotterdam
BLEACHERS—5 bbls, 1 ton, 2 cwt, 2 qtrs, A De Ronde & Co, Alaunia, Liverpool
BONE MEAL—1,638 bgs, Hoegh Transporter, Trieste
3,268 bgs, Hoegh Transporter, Fiume
BORON FLUORIDE—20 cyls, Standard Oil Co of N J, Black Falcon, Rotterdam
BRISTLES—15 cs, American Banker, London
26 cs, Bank of London South America, American Banker, London
13 cs, 7 cks, Continental Bank Trust Co, American Banker, London
43 cs, H Rosenhirsch Co, Kiyosumi, Tientsin
20 cs, S Hirshenhorn & Son, Kiyosumi, Tientsin
91 cs, H Rosenhirsch Co, Nankai, Tientsin
188 cs, Nankai, Tientsin
524 cs, F H Cone & Co, Nankai, Tientsin
21 cs, Globe Shipping Co, Hansa, Hamburg
14 cs, Hughes Autograf Brush Co, Peter Maersk, Shanghai
16 cs, R F Downing & Co, Peter Maersk, Shanghai
50 cs, W Wagman & Co, Peter Maersk, Shanghai
10 cs, H Rosenhirsch Co, Peter Maersk, Shanghai
10 cs, F E Wallace & Co, Peter Maersk, Shanghai
15 cs, Philadelphia National Bank, Peter Maersk, Shanghai
22 cs, Chesnut, Cooper & Co, American Trader, London
BUCHU LEAVES—27 bls, R J Prentiss & Co, American Trader, Southampton
BUCKTHORN BARK—20 bgs, Ilsenstein, Antwerp
CADMIUM—333 cs, Black Hawk, Antwerp
CALCHICUM ROOT—26 bls, Saturnia, Dubrovnik
CAMPHOR, REFINED—30 cs, Bloomingdale Bros, Peter Maersk, Kobe
CANARY SEED—1,641 bgs, A G Dunn, American Legion, Buenos Aires
246 bgs, Levy & Levis Co, American Legion, Buenos Aires
396 bgs, American Legion, Buenos Aires
CARAWAY SEED—200 bgs, 22,000 lbs, C M Van Sillevoldt, Black Falcon, Rotterdam
CARBON, DECOLORIZING—2 dms, Black Hawk, Antwerp
CARDAMOM—110 cs, Barber S S Co, American Banker, London
10 cs, P H Petry & Co, Musa, Porto Barrios
CAROB BEAN MEAL—100 pkgs, 5 tons, 1 cwt, 3 qtrs, 4 lbs, Alaunia, Liverpool
CASEIN—416 bgs, Balfour, Guthrie & Co, American Legion, Buenos Aires
134 bgs, D C Andrews & Co, Hansa, Hamburg
200 bgs, Scanstates, Copenhagen
200 bgs, A Hurst & Co, Ile de France, Havre
CASHEW SHELL, LIQ—224 dms, Andania, London
CASSIA—75 bls, Wood & Selick, Unicol, Hongkong
416 bls, Nankai, Haiphong
75 pkgs, Tawali, Belawan Deli
170 bgs, H P Winter & Co, Tawali, Padang
200 bls, A G Dunn, Peter Maersk, Hongkong
BUDS—100 cs, O Gerdau Co, Unicol, Hongkong
CASTOR BEANS—1,848 bgs, Brazilian Warrant Co, American Legion, Santos
3,007 bgs, Baker Castor Oil Co, American Legion, Santos
140 bgs, I R Boody & Co, Musa, Porto Barrios
CELERY SEED—75 bgs, Nordhavet, Marseilles
CENTAURY HERBS—9 bls, Peek & Velsor, Saturnia, Dubrovnik
CHALK, COMMON—1,600 bgs, R L Watkins Co, American Trader, London
CHAMOIS—1 cs, L Haig, Ile de France, Havre
CHAMOMILE FLOWERS—45 cs, Hansa, Hamburg
CHEMICALS—400 kegs, Mitsubishi Shoji Kaisha, Nankai, Moji
1,300 bgs, Black Hawk, Antwerp
20 dms, African Metals Corp, Black Hawk, Antwerp
12 cs, Hummel Chem Co, Hansa, Hamburg
6 cs, Sherka Chem Co, Hansa, Hamburg
50 bgs, Innis, Speiden & Co, Hansa, Hamburg
45 cks, 504 bgs, 10 cs, Jungmann & Co, Hansa, Hamburg
1 cs, A Katos, Inc, Hansa, Hamburg
40 cs, Schimmel & Co, Hansa, Hamburg
167 carboys, Hansa, Hamburg
4 cs, Sandoz Chem Works, Hansa, Hamburg
125 cks, C J Osborn & Co, Hansa, Hamburg
50 cks, Reichard Coulston, Hansa, Hamburg
10 cks, Stanley Doggett, Hansa, Hamburg
20 cs, Hummel Chem Co, Hansa, Hamburg
15 bbls, Universal Carloading Destr Co, Drottninghoim, Gothenburg
146 cs, Bergstrom Trading Co, Drottningholm, Gothenburg
10 cs, Hummel Chem Co, Black Falcon, Rotterdam
13 cs, Robinson, Wagner Co, Black Falcon, Rotterdam
59 cks, Black Falcon, Rotterdam
80 bgs, Schofield, Donald Co, Caledonia, Glasgow
200 cks, 40 cks, African Metals Corp, Jean Jadot, Antwerp
50 dms, E Ritter, Ile de France, Havre
2 cs, Elmer & Amend, American Trader, London
CHLORMETHYL—15 dms, Advance Solvents & Chem Co, Ilsenstein, Antwerp
CHROME ORE—4,016 tons, 14 cwt, E J Lavino & Co, West Cawthon, Beira
CINNABAR—18 bbls, 4,349 lbs, A Hurst & Co, Livenza, Leghorn
CLAY—750 bgs, W Manly, President Roosevelt, Hamburg
CLOVES—960 bgs, City of Wellington, Batavia
110 bgs, Catz American Co, Tawali, Macassar
600 bgs, Tawali, Santa Marie
372 bgs, Tawali, Mananara
COALTAR DERIVATIVES—26 cks, General Aniline Works, Hansa, Hamburg
INTERMEDIATES—43 cks, General Aniline Works, Hansa, Hamburg
2 dms, Sandoz Chem Works, Hansa, Hamburg
5 cks, General Dyestuff Corp, Hansa, Hamburg
4 dms, Bank of Manhattan, American Trader, London
PRODUCT—15 cs, Allondon, S A, Hansa, Hamburg
COBALT OXIDE, BLACK—30 bbls, Central Trading Corp, Argosy, Helsingfors
COCA LEAVES—17 bls, Maywood Chem Works, Chimu, Salaverry
COCOA BEANS—900 bgs, W R Grace & Co, American Legion, Trinidad
200 bgs, Nieschlag & Co, American Legion, Trinidad
850 bgs, Wessel, Kulenkampf & Co, American Legion, Trinidad
500 bgs, Gordon Grant & Co, American Legion, Trinidad
250 bgs, W R Grace & Co, Robin Gray, Trinidad
550 bgs, Robin Gray, Trinidad
500 bgs, Nieschlag & Co, Flora, Porto Cabello
550 bgs, Flora, Porto Cabello
23 bgs, Schutte & Focke, Flora, Curacao
97 bgs, W & A Leaman, Flora, Curacao
80 bgs, Flora, Curacao
6,993 bgs, Balfour, Guthrie & Co, Bodnant, Apapa
628 bgs, Superintendence Co, Bodnant, Apapa
788 bgs, Balfour, Guthrie & Co, Bodnant, Lagos
1,473 bgs, Superintendence Co, Bodnant, Lagos
4,800 bgs, Barclay Bank, Bodnant, Accra
730 bgs, Cie F A Occid, Bodnant, Saltpond
3,200 bgs, Balfour, Guthrie & Co, Bodnant, Cape Coast
3,645 bgs, Cie F A Occid, Bodnant, Takoradi
800 bgs, Bodnant, Takoradi
8,155 bgs, Balfour, Guthrie & Co, Bodnant, Lagos
4,600 bgs, Balfour, Guthrie & Co, Bodnant, Winnebah
8,000 bgs, Balfour, Guthrie & Co, Bodnant, Takoradi
3,077 bgs, Balfour, Guthrie & Co, Bodnant, Assinie
COCOA BEANS—66 bgs, Lopez & Manguai, Tachira, Maracaibo
50 bgs, Mecke & Co, Tachira, Maracaibo
500 bgs, Royal Bank of Canada, Tachira, Porto Cabello
47 bgs, De Sola Bros, Tachira, Porto Cabello
196 bgs, Machado & Co, Tachira, La Guaira
79 bgs, Tachira, Porto Cabello
3,200 bgs, D Bacon, Cold Harbor, Liverpool
50 bgs, Curacao Trading Co, Peten, Porto Limon
200 bgs, Wessel, Duval & Co, Peten, Porto Limon
619 bgs, Gillespie & Co, San Jacinto, Macoris
500 bgs, Wessel, Kulenkampf & Co, San Jacinto, Macoris
350 bgs, Machado & Co, San Jacinto, Puerto Plata
100 bgs, Royal Bank of Canada, San Jacinto, Puerto Plata
100 bgs, Gillespie & Co, San Jacinto, Puerto Plata
50 bgs, Porcella, Vicini & Co, San Jacinto, Puerto Plata
700 bgs, Luna, Porto Cabello
6,951 bgs, W & A Leaman, Calumet, Lagos
2,352 bgs, Balfour, Guthrie & Co, Calumet, Lagos
9,923 bgs, W & A Leaman, Calumet, Lone
2,130 bgs, W & A Leaman, Calumet, Kela
5,280 bgs, W & A Leaman, Calumet, Accra
1,449 bgs, Cie F A Occid, Calumet, Accra
1,600 bgs, Calumet, Accra
1,600 bgs, Bank of British West Africa, Calumet, Takoradi
3,200 bgs, Bankers Trust Co, Calumet, Takoradi
3,847 bgs, Balfour, Guthrie & Co, Calumet, Grand Bassam
2,410 bgs, Superintendence Co, New Brunswick, Duala
1,559 bgs, Balfour, Guthrie & Co, New Brunswick, Kribi
1,388 bgs, New Brunswick, Kribi
1,031 bgs, Superintendence Co, New Brunswick, Lagos
1,200 bgs, New Brunswick, Apapa
3,200 bgs, Bank of Manhattan, New Brunswick, Accra
1,600 bgs, Bankers Trust Co, New Brunswick, Accra
5,772 bgs, Cie F A Occid, New Brunswick, Accra
2,300 bgs, Superintendence Co, New Brunswick, Accra
4,359 bgs, Cie F A Occid, New Brunswick, Winnebah
1,500 bgs, New Brunswick, Winnebah
1,452 bgs, Cie F A Occid, New Brunswick, Saltpond
1,500 bgs, Superintendence Co, New Brunswick, Saltpond
4,500 bgs, Superintendence Co, New Brunswick, Takoradi
6,406 bgs, Bank of Manhattan, New Brunswick, Takoradi
750 bgs, Superintendence Co, New Brunswick, Sassandra
1,050 bgs, West Cawthon, Port Spain
1,500 bgs, Middleton & Co, Stuyvesant, Trinidad
1,100 bgs, Curacao Trading Co, Stuyvesant, La Guaira
76 bgs, Transmarine Mercantile Corp, Colombia, Cape Haitien
800 bgs, President Roosevelt, Hamburg
4,174 bgs, W & A Leaman, Black Osprey, Rotterdam
4,280 bgs, M C Holm, Hamburg
COCONUTS—220 bgs, 22,000 lbs, Fruit Despatch Co, Musa, Puerto Cortes
200 bgs, 20,000 lbs, J Simon & Co, Borinquen, San Juan
25 bgs, 2,500 lbs, Simon & French, Borinquen, San Juan
185 bgs, 18,500 lbs, Porto Rico Fruit Exchange, Borinquen, San Juan
20 bgs, 2,000 lbs, J Garcia, Borinquen, San Juan
300 bgs, 30,000 lbs, Lundt & Co, Stuyvesant, Demerara
150 bgs, 15,000 lbs, General Foods Corp, Stuyvesant, Demerara
818 bgs, 81,800 lbs, Universal Import & Export Co, Colombia, Kingston
2,852 bgs, 285,200 lbs, General Foods Corp, Colombia, Kingston
2,000 bgs, 200,000 lbs, A N Leakway Co, Colombia, Kingston
49 bgs, 4,900 lbs, Park, Waldorf & Gay, Colombia, Kingston
750 bgs, 75,000 lbs, I L Toledano Corp, Cristobal, Cristobal
410 bgs, 41,000 lbs, General Foods Corp, Cristobal, Cristobal
388 bgs, 38,800 lbs, General Foods Corp, Angelina, Mayaguez
150 bgs, 15,000 lbs, I L Toledano Corp, Angelina, Mayaguez
50 bgs, 5,000 lbs, E Trucco, Angelina, Mayaguez
286 bgs, 28,600 lbs, J Simon & Co, Angelina, Mayaguez
34 bgs, 3,400 lbs, J Di Cristina, Angelina, San Juan
160 bgs, 16,000 lbs, I L Toledano Corp, Angelina, San Juan
1,785 bgs, 178,500 lbs, General Foods Corp, Angelina, San Juan
COCONUT, DESIC—480 cs, Wood & Selick, Unicol, Manila
820 cs, Durkee Famous Foods, Peter Maersk, Manila
280 cs, Wood & Selick, Peter Maersk, Manila
3,906 cs, General Foods Corp, Peter Maersk, Manila
COLORS—6 bbls, Kentler Bros, Black Hawk, Antwerp
1 pkg, E I du Pont de Nemours Co, Black Hawk, Antwerp
7 dms, Ile de France, Havre
4 cs, Lunham & Reeve, Ile de France, Havre
34 cks, Fulton Dye & Import Co, Ile de France, Havre
ARTISTS'—6 cs, Artists Brush & Color Co, American Trader, London
CERAMIC—3 cs, B F Drakenfeld & Co, Alaunia, Liverpool
COALTAR—11 kgs, General Dyestuff Corp, Black Falcon, Rotterdam
EARTH—10 cks, E E Marks & Co, Livenza, Leghorn
100 bbls, American Dyewood Co, Hansa, Hamburg
25 cks, J Lee Smith & Co, Hansa, Bremen
PRINTING—2 cs, American Express Co, Hansa, Hamburg
COPAIBA BALSAM—99 cs, 9,900 lbs, Swinburne, Manaos
COPPER ACETATE—20 bbls, J H Lowenstein & Son, Independence Hall, Bordeaux
CORK, WOOD—694 bls, Livenza, Messina
887 bls, Livenza, Palermo
33 bls, Black Hawk, Antwerp
453 bls, L Mundet & Sons, Hoegh Transporter, Algiers
240 bls, H Suhl, Hoegh Transporter, Algiers
CORIANDER SEED—64 bgs, Front Bros Import & Export Co, Batory, Gdynia
200 bgs, Greene Trading Co, American Trader, London
CORNSILK—117 bls, S B Penick & Co, Nordhavet, Leghorn
COTTON LINTERS—100 bls, Bank of Manhattan, American Legion, Santos
36 bls, First National Bank of Boston, American Legion, Santos
200 bls, Anderson, Clayton & Co, American Legion, Santos
602 bls, American Legion, Buenos Aires
499 bls, Amtorg Trading Corp, Kaganovich, Leningrad
516 bls, Swinburne, Santos
CREOSOTE—1 dm, Koppers Co, Aquitania, Southampton
CUMIN SEED—200 bgs, Ida, Trieste
CUTTLEFISH BONES—134 cs, Frank Vliet Co, Saturnia, Trieste
150 cs, American Cuttlefish Bone Co, Saturnia, Trieste
1,010 cs, Nordhavet, Marseilles
DISINFECTANT—2 cs, Antony Gibbs & Co, Caledonia, Glasgow
DOGGRASS—60 bgs, R J Prentiss & Co, Saturnia, Trieste
DRUGS, CRUDE—10 cs, Chase National Bank, Batory, Gdynia
48 cs, 1 dm, Central Hanover Bank Trust Co, American Trader, London
DYES—1 dm, National Aniline & Chem Co, Peter Maersk, Kobe
ANILIN—4 dms, Sandoz Chem Works, Hansa, Hamburg
1 cs, General Dyestuff Corp, Hansa, Hamburg
111 cks, Ciba Co, Ile de France, Havre
DYEWOOD CUTTED—20 bgs, Peek & Velsor, Saturnia, Trieste
EGG YOLK, HEN—221 cs, Nankai, Tientsin
ERGOT—20 cs, Jean Jadot, Antwerp
FERTILIZER—80 bgs, F B Vandegrift & Co, American Banker, London
20 bgs, Wehling & Cheever, American Banker, London
FILTER, MATERIAL—25 bls, F Bing, Black Falcon, Rotterdam
PAPER—18 cs, H Reeve Angel & Co, American Banker, London
2 cs, Universal Carloading & Distr Co, American Banker, London
12 bls, 24 cs, H Reeve Angel & Co, Aquitania, Southampton
6 cs, H Reeve Angel & Co, Andania, London
11 cs, E Fougera & Co, Andania, Southampton
89 cs, J Manheimer, Andania, Southampton
FISH SOUNDS—23 bls, Fred Henjes, Jr, Luna, Maracaibo
FLAXSEED—1,028 tons, 41,120 bus, Bunge North American Grain Co, American Legion, Buenos Aires
79 bgs, 173 bus, National City Bank, American Legion, Buenos Aires
6,355 tons, 254,200 bus, Archer, Daniels Midland Co, Rigel, Rosario
6,000 tons, 240,000 bus, L Dreyfus & Co, Fordefjord, Rosario
1,354 tons, 54,160 bus, L Dreyfus & Co, Fordefjord, Buenos Aires
5,500 tons, 220,000 bus, Badjestan, Buenos Aires
4,900 tons, 196,000 bus, L Dreyfus & Co, Salvistan, Buenos Aires
1,000 tons, 40,000 bus, Bunge North American Grain Co, Elbergen Villa, Constitution
5,911 tons, 236,440 bus, Archer, Daniels Midland Co, Nordlys, Rosario
FULLERS EARTH—200 bgs, 44,000 lbs, L A Salomon & Bros, American Banker, London
200 bgs, L A Salomon & Bros, Andania, London
GAMBIER—425 cs, E E Androvette, City of Wellington, Belawan, Deli
425 cs, Tawali, Belawan Deli
260 cs, Chase Natl Bank, Rhemius, Penang
GELATIN—25 cs, Ilsenstein, Antwerp
20 cs, Dingelstedt & Co, Hansa, Hamburg
1 cs, 280 bgs, Robt McLellan, Black Falcon, Rotterdam
1 ctn, T M Duche & Sons, Peter Maersk, Kobe
20 bgs, Intercontinental Forwarding Co, President Roosevelt, Hamburg
25 cs, International Selling Corp, Ile de France, Havre
GENTIAN ROOT—29 bls, Saturnia, Dubrovnik
22 bls, J L Hopkins & Co, Nordhavet, Marseilles
GERANIUM HERBS—1 bl, S B Penick & Co, Hansa, Hamburg
GINGER ROOT—34 bgs, Otto Gerdau & Co, Colombia, Kingston
75 bgs, Wm Archibald, Jr, Colombia, Kingston
GLASS, PLATE—18 cs, Ford Motor Co, Ilsenstein, Antwerp
151 cs, H S Head, Ilsenstein, Antwerp
6 cs, L Solomon & Son, Black Hawk, Antwerp
2 cs, Schrenk & Co, Black Hawk, Antwerp
123 cs, Globe Shipping Co, Hansa, Hamburg
15 cs, Jean Jadot, Antwerp
1 cs, Brown Bros, Jean Jadot, Antwerp
SHEET—4 cs, Ford Motor Co, Ilsenstein, Antwerp
1,000 cs, Black Hawk, Antwerp
8 cs, Ford Motor Co, Hansa, Bremen
40 cs, Leo Popper & Son, Alaunia, Liverpool
1,000 cs, Bronx Glass Works, Jean Jadot, Antwerp
WINDOW—7,550 cs, Sinaco Co, Black Hawk, Antwerp
41 cs, Semon Bache & Co, Black Hawk, Antwerp
160 cs, J H Faunce, Black Hawk, Antwerp
1,000 cs, Balik Sons, Black Hawk, Antwerp
461 cs, Bienenfeld Glass Works, Jean Jadot, Antwerp
500 cs, Hotchkiss Bros Co, Jean Jadot, Antwerp
270 cs, Syracuse Glass Co, Jean Jadot, Antwerp
500 cs, Hires Turner Glass Co, Jean Jadot, Antwerp
4,500 cs, Jean Jadot, Antwerp
10 cs, I A Bendheim, President Roosevelt, Hamburg
10 cs, Semon Bache & Co, President Roosevelt, Hamburg
1,319 cs, Vitrea & Co, President Roosevelt, Hamburg
GLUE—300 bgs, L H Lang, G Van Gelder, Livenza, Genoa
11 bls, Paul Puttman, Black Falcon, Rotterdam
200 bgs, President Roosevelt, Hamburg
60 bls, International Selling Corp, Ile de France, Havre
BONE—950 bgs, Saturnia, Trieste
600 bgs, Hoegh Transporter, Trieste

GLUE, HIDE—400 bgs, Saturnia, Trieste
LEATHER—200 bgs, L H Lang & G Van Gelder, President Roosevelt, Hamburg
SHEET — 288 bgs, Hoegh Transporter, Trieste
VEGETABLE—8 cks, C H Timm Co, Aquitania, Southampton
GLYCERIN—284 dms, Amtorg Trading Corp, Kaganovich, Leningrad
70 dms, 17 tons, 12 cwt, 3 qtrs, 19 lbs, Cold Harbor, Liverpool
1 cs, Akatos, Inc, Hansa, Hamburg
78 dms, Black Falcon, Rotterdam
1 car, Procter & Gamble, Seatrain Havana, Havana
100 dms, Andania, London
GREASE—100 bbls, Davies Turner & Co, Cold Harbor, Liverpool
WOOL—25 dms, 5 tons, 7 cwt, 27 lbs, Robinson-Wagner Co, Alaunia, Liverpool
12 bbls, A Hurst & Co, Kelso, Hull
GUM, BENZOIN—100 cs, J L Hopkins & Co, City of Wellington, Sibalga
20 cs, Paul Elbogen & Co, City of Wellington, Sibalga
100 cs, S B Penick & Co, Tawali, Sibalga
10 cs, Ile de France, Havre
CAROB BEANS—200 bgs, Innis, Speiden & Co, Ida, Algiers
50 bgs, Paul A Dunkel & Co, Scythia, Liverpool
CHICLE—100 bls, F Huber & Co, Orizaba, Vera Cruz
COPAL—135 bskts, Royal Bank of Canada, Tawali, Macassar
137 bskts, New York Trust Co, Tawali, Macassar
412 bskts, Tawali, Macassar
50 cs, Stroock & Wittenberg, Tawali, Singapore
70 bgs, Thurston & Braidich, Tawali, Singapore
100 bgs, France, Campbell & Darling, Peter Maersk, Manila
420 bgs, France, Campbell & Darling, Jean Jadot, Antwerp
500 bgs, O G Innes Corp, Jean Jadot, Antwerp
DAMMAR—50 cs, O G Innes Corp, City of Wellington, Singapore
50 cs, Gillespie, Rogers, Pyatt Co, Wellington, Singapore
70 bgs, City of Wellington, Singapore
50 cs, France, Campbell & Darling, Tawali, Batavia
100 cs, Gillespie, Rogers, Pyatt Co, Tawali, Batavia
225 cs, O G Innis Corp, Tawali, Batavia
350 bgs, 300 cs, Thurston & Braidich, Tawali, Batavia
650 cs, Tawali, Batavia
250 cs, S Winterbourne & Co, Tawali, Batavia
25 cs, 500 bgs, Stroock & Wittenberg, Tawali, Singapore
70 bgs, O G Innes Corp, Tawali, Singapore
TRAGACANTH—5 cs, E Meer & Co, American Banker, London
13 bgs, 10 cs, E Meer & Co, President Roosevelt, Hamburg
24 cs, Andania, London
6 cs, Paul A Dunkel & Co, American Farmer, London
HAWTHORN BERRIES—10 bls, J L Hopkins & Co, American Banker, London
HELLEBORE ROOT—13 bls, J L Hopkins & Co, Hoegh Transporter, Trieste
HERBS, MEDICINAL—18 bls, S B Penick & Co, Hoegh Transporter, Trieste
5 bls, Murray & Nickells Mfg Co, Saturnia, Trieste
16 bls, S B Penick & Co, Saturnia, Trieste
3 bls, Peek & Velsor, Saturnia, Trieste
40 bgs, American Banker, London
20 bls, S B Penick & Co, Ilsenstein, Antwerp
8 bls, National Carloading Corp, Hansa, Hamburg
19 bls, W F Honan, B & O R R, President Hoosevelt, Hamburg
15 bls, S B Penick & Co, President Roosevelt, Hamburg
HOPS—55 bls, Batory, Gdynia
17 bls, S S Steiner, Ilsenstein, Antwerp
50 bls, R F Downing & Co, Hansa, Hamburg
43 cs, 120 bls, R F Downing & Co, Hansa, Hamburg
86 cs, 350 bls, S S Steiner, Hansa, Hamburg
40 bls, Bode & Voigt, Hansa, Hamburg
9 bls, Globe Shipping Co, Hansa, Hamburg
60 bls, R F Downing & Co, President Roosevelt, Hamburg
20 bls, Scanstates, Gdynia
HOREHOUND LEAVES—31 bgs, 2 tons, 19 cwt, 1 qtr, 11 lbs, Alaunia, Liverpool
IRISH MOSS—50 bls, Innis, Speiden & Co, Ile de France, Havre
100 bls, S B Penick & Co, Ile de France, Havre
141 bls, C H Reisig, Ile de France, Havre
IRON, OXIDE—7 cks, 1 ton, 16 cwt, 1 qtr, 18 lbs, Lander, Segal Color Co, Alaunia, Liverpool
10 cks, 2 tons, 10 cwt, 2 qtrs, 22 lbs, Whittaker, Clark & Daniels, Alaunia, Liverpool
35 cks, J Lee Smith & Co, Kelso, Hull
10 cks, C J Osborn & Co, American Trader, London
PERCHLORIDE—25 cks, Kelso, New Castle
ISINGLASS—15 cs, American Banker, London

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JUNIPER BERRIES—100 bgs, 13,200 lbs, Livenza, Leghorn
50 bgs, Knickerbocker Mills Co, Nordhavet, Leghorn
34 bgs, Peek & Velsor, Nordhavet, Leghorn
70 bgs, S B Penick & Co, Nordhavet, Leghorn
KAMALA—10 bgs, S B Penick & Co, Hansa, Hamburg
KEROSENE—126 cs, D F Sallows, Stuyvesant, Paramaribo
LAVENDER FLOWERS—2 bgs, Yardley & Co, American Banker, London
LEAD, WHITE—30 cs, 80 cks, Fezandie & Sperrie, Hoegh Transporter, Trieste
LEAVES, MEDICINAL—3 bls, S B Penick & Co, Hansa, Hamburg
LECITHIN—28 cs, Chase Natl Bank, Hansa, Hamburg
LICORICE ROOT—227 cs, Public Natl Bank, Saturnia, Trieste
154 cs, Saturnia, Trieste
134 bgs, Amtorg Trading Corp, Kaganovich, Leningrad
LOGWOOD EXTRACT—20 cks, American Dyewood Co, Calamares, Kingston
MACE—7 cs, Catz American Co, Tawali, Macassar
58 pkgs, Catz American Co, Tawali, Macassar
25 cs, H P Winter & Co, Tawali, Padang
MAGNESIA—1 cs, Schofield, Donald Co, Alaunia, Liverpool
CALCINED—112 cs, Schofield, Donald Co, Alaunia, Liverpool
CARBONATE—200 bgs, C B Chrystal & Co, Black Hawk, Antwerp
50 cks, 200 bgs, Schofield, Donald Co, Alaunia, Liverpool
HYDRATE—40 cs, Schofield, Donald Co, Alaunia, Liverpool
MAGNESITE—250 bgs, Saturnia, Dubrovnik
MANGANESE ORE—50 dms, Hansa, Hamburg
MANGROVE BARK—4,067 bls, Robin Gray, Zanzibar
EXTRACT—1,000 bgs, City of Wellington, Singapore
MANIOC MEAL—2 bgs, City of Wellington, Sourabaya
MARBLE WASTE—1,200 bgs, A Lizzola & Co, Jean Jadot, Antwerp
800 bgs, Colonna & Co, Jean Jadot, Antwerp
MATCHES, SAFETY — 250 tins, Ilsenstein, Antwerp
10,500 cs, Amtorg Trading Corp, Kaganovich, Leningrad
1,010 ctns, New York Match Co, Drottningholm, Gothenburg
MEDICINAL PREP'S—3 cs, Burroughs, Wellcome & Co, American Banker, London
4 cs, G J Wallau, Ile de France, Havre
MENTHOL—75 cs, Bridges, Neumer & Co, Nankai, Kobe
25 cs, C L Huisking & Co, Peter Maersk, Kobe
20 cs, Chas Fischbek Co, Peter Maersk, Kobe
15 cs, Orbis Product Corp, Peter Maersk, Kobe
17 cs, New York Quinine & Chem Works, Andania, London
MICA—37 cs, American Legion, Santos
6 cs, American Banker, London
98 cs, Markhor, Calcutta
12 cs, Forvent Co, West Cawthon, Dar es Salaam
BLOCK—8 cs, A J Bracher Co, American Banker, London
17 cs, Globe Shipping Co, Markhor, Calcutta
SPLITTINGS—100 cs, General Electric Co, Markhor, Calcutta
61 cs, Gillespie, Rogers, Pyatt Co, Markhor, Calcutta
198 cs, Markhor, Calcutta
MILK, POWDERED—150 cks, R A McKee, Black Falcon, Rotterdam
25 cks, 100 bgs, Durkee Famous Foods, Black Falcon, Rotterdam
346 bgs, Black Falcon, Rotterdam
MINERAL, WHITE—440 bgs, Hammill & Gillespie, Kelso, Hull
500 bgs, Whittaker, Clark & Daniels, Kelso, Hull
MURU MURU KERNELS—237 bgs, General Food Corp, Swinburne, Para
MUSTARD SEED—250 bgs, R F Downing & Co, American Banker, London
500 bgs, American Banker, London
448 bgs, Nankai, Tientsin
50 bgs, Levy & Levis Co, President Roosevelt, Hamburg
NAPHTHALENE—616 bgs, Calco Chem Co, McKeesport, Hull
7,420 bgs, Amtorg Trading Co, Kaganovich, Leningrad
400 bgs, W H Muller & Co, Black Falcon, Rotterdam
843 bgs, F B Bertrand, Black Falcon, Rotterdam
500 bgs, Associated Metals & Minerals Corp, Black Falcon, Rotterdam
NIGER SEED — 66 bgs, American Banker, London
NUTGALLS—280 bgs, L N Jackson & Co, Peter Maersk, Hongkong
168 bgs, Peter Maersk, Shanghai
NUTMEGS—50 bgs, American Banker, London
115 bgs, Catz American Co, Tawali, Macassar
121 bgs, H P Winter & Co, Tawali, Padang
OCHER—40 cks, Robinson-Wagner Co, Nordhavet, Marseilles
OIL, ALMOND—5 cs, Dodge & Olcott Co, Aquitania, Southampton
7 cs, Ungerer & Co, Andania, London
ANISE—30 dms, Nankai, Canton
5 dms, Peter Maersk, Hongkong
5 dms, Orbis Product Corp, Peter Maersk, Hongkong
5 dms, Ungerer & Co, Peter Maersk, Hongkong
27 dms, Bingham & Co, Peter Maersk, Canton
BAY—5 cs, D Steengrafe, Angelina, Arroyo
3 cs, Geo Luecders & Co, Angelina, Arroyo
BERGAMOT—54 half cs, Ida, Messina
CAMPHOR—27 dms, Givaudan-Delawanna, Peter Maersk, Kobe
100 dms, Orbis Product Corp, Peter Maersk, Kobe
100 dms, Dodge & Olcott Co, Peter Maersk, Kobe
CASSIA—10 dms, R A Kurka, Unicol, Hongkong
CHESTNUT—632 dms, Balfour, Guthrie & Co, Independence Hall, Bordeaux
CHINAWOOD — 200 tons, Mitsui & Co, Nankai, Hankow

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OIL, CHINAWOOD—200 tons, W R Grace & Co, Nankai, Hankow
100 dms, W R Grace & Co, Peter Maersk, Hankow
211 tons, Murray Oil Prod Co, Peter Maersk, Hankow
306 tons, Bunge North American Grain Co, Peter Maersk, Shanghai
CITRONELLA—26 dms, Tawali, Batavia
4 dms, Geo Uhe Co, Phemius, Batavia
9 dms, Gane & Ingram, Phemius, Batavia
8 dms, A M Todd Co, Phemius, Batavia
8 dms, Phemius, Batavia
23 dms, Barber S S Co, Andania, London
CLOVE—4 dms, Tawali, Santa Marie
COCONUT—Quantity, Kiyosumi, Manila
Quantity, Philippine Refining Co, Kiyosumi, Cebu
323 tons, Spencer Kellogg & Sons, Peter Maersk, Manila
439 tons, Philippine Refining Corp, Rhemius, Cebu
380 tons, Spencer Kellogg & Sons, Rhemius, Manila
10 cs, I L Toledano Corp, Colombia, Kingston
COD—100 cks, Chace Export Co, Fort Amherst, St John's
50 dms, Fred W Daman, Fort Amherst, St John's
CODLIVER—1 cs, Bowring & Co, Fort Amherst, St John's
484 dms, J D Irwin & Co, Hansa, Hamburg
20 dms, P R Dreyer, Black Falcon, Rotterdam
700 dms, Consumers Import Co, Kelso, Hull
823 dms, McKesson & Robbins, Kelso, Hull
253 dms, Kelso, Hull
75 dms, Kachurin Drug Co, President Roosevelt, Hamburg
15 dms, Jacome Prod Co, President Roosevelt, Hamburg
50 dms, Balfour, Guthrie & Co, President Roosevelt, Hamburg
CORN—396 dms, American Banker, London
170 dms, Ilsenstein, Antwerp
200 dms, Corn Product Refining Co, Black Hawk, Antwerp
50 dms, N C Littauer, Black Hawk, Antwerp
297 dms, Balfour, Guthrie & Co, Daggim, Buenos Aires
270 dms, Corn Product Refining Co, Caledonia, Glasgow
130 dms, Corn Product Refining Co, Andania, London
127 dms, Andania, London
CORNMINT—25 cs, Aquitania, Southampton
COTTONSEED—500 tons, Zimmerman-Alderson-Carr Co, Schwarzes Meer, Liverpool
CROTON—3 cs, Dodge & Olcott Co, American Banker, London
ESSENTIAL — 27 dms, American Banker, London
20 dms, Musa, Puerto Barrios
5 cs, Aquitania, Southampton
7 cs, Andania, Southampton
90 cs, Ile de France, Havre
6 dms, American Trader, London
EUCALYPTUS—10 dms, Ungerer & Co, Peter Maersk, Kobe
FUEL—59,734 bbls, Standard Oil Co of N J, Beaulieu, Aruba
111,500 bbls, Standard Oil Co of N. J, Victor Ross, Aruba
77,180 bbls, Standard Oil Co of N J, Norbris, Puerto Mexico
107,264 bbls, Gulf Oil Corp, Gulfwing, Curacao
95,000 bbls, Standard Oil Co of N J, Esso, Aruba
103,096 bbls, Standard Oil Co of N J, Gulfhawk, Aruba
FUSEL—72 dms, A Mersch, San Juan
GERANIUM—8 dms, Chase National Bank, Robin Gray, Mombasa
1 crt, West Cawthon, Dar Es Salaam
LAUREL — 5 cks, Dodge & Olcott Co, Hoegh Transporter, Trieste
LAVENDER—4 dms, American Banker, London
LEMON—500 half cs, Dodge & Olcott Co, Livenza, Messina
100 cs, Lo Curto & Funk, Livenza, Messina
100 qtr cs, Ida, Messina
LEMONGRASS—4 dms, Alaunia, Liverpool
26 dms, Barber S S Co, Andania, London
LIME—57 cs, Fritzsche Bros, American Legion, Trinidad
25 cs, Ungerer & Co, Andania, London
2 dms, 3 cs, Orbis Product Corp, Andania, London
17 cs, Geo Uhe & Co, Andania, London
LUBRICATING—120 dms, Webbal Service, Black Hawk, Antwerp
MINERAL—245 dms, Hansa, Hamburg
OLIVE—100 cs, Saturnia, Lisbon
8 cks, General Shipping & Trading Co, Saturnia, Palermo
26 cks, Colombo Co, Saturnia, Palermo
61 cks, 347 cs, Saturnia, Palermo
17 cks, Milan, Cernosjia, Saturnia, Trieste
47 cs, Conte di Savoia, Naples
550 cs, Livenza, Genoa
2,005 cs, Livenza, Leghorn
50 dms, Leo Crisafulli, Livenza, Leghorn
225 cs, Livenza, Palermo
50 cs, Aquitania, Southampton
945 dms, Smith, Wehman Co, Hoegh Transporter, Piraeus
300 dms, Leghorn Trading Co, Hoegh Transporter, Piraeus
100 dms, Banca Com'l Ital Greca, Hoegh Transporter, Piraeus
100 dms, Berolio Import Co, Hoegh Transporter, Algiers
199 dms, Leghorn Trading Co, Hoegh Transporter, Algiers
100 dms, Hercules Powder Co, Hoegh Transporter, Algiers
250 dms, Nordhavet, Genoa
990 cs, Nordhavet, Leghorn
142 cs, 14 cks, Ida, Palermo
OLIVE SULPHUR—100 bbls, E M Sergeant Pulp & Chem Co, Nordhavet, Lisbon
Quantity, Guaranty Trust Co, Ida, Naples
ORANGE—50 cs, Ulua, Kingston
20 cs, Magnus, Mabee & Reynard, Calamares, Kingston
10 cs, Livenza, Messina
PALM—239 tons, 24 cks, Superintendence Co, New Brunswick, Abonema
42 cks, Balfour, Guthrie & Co, New Brunswick, Abonema
98 tons, Superintendence Co, New Brunswick, Port Harcourt
Quantity, Tawali, Telok Betong
522 tons, Van Leeuwen, Boomkamp & Co, Tawali, Belawan Deli
693 tons, Tawali, Belawan Deli
1 cs, American Express Co, Black Falcon, Rotterdam
55 dms, Black Falcon, Rotterdam
50 dms, I R Boody & Co, Black Falcon, Rotterdam
79,526 kilos, Black Falcon, Rotterdam
200 tons, Phemius, Delawan Deli
248 tons, Guaranty Trust Co, Phemius, Belawan Deli
PATCHOULI—3 cs, American Banker, London
PEANUT—1,005 tons, Lever Bros, Peter Maersk, Tsingtao
PERILLA—150 dms, Pacific Vegetable Oil Co, Peter Maersk, Kobe
PETITGRAIN—25 cs, W R Grace & Co, American Legion, Buenos Aires
6 cs, American Legion, Buenos Aires
PINENEEDLE—17 dms, Hansa, Hamburg
RESIDUE—65 dms, Hansa, Hamburg
RICE—500 tons, Colgate Palmolive Peet Co, Schwarzes Meer, Liverpool
RICE BRAN—50 dms, W R Grace & Co, Peter Maersk, Kobe

OIL, RICE BRAN—150 dms, I R Boody & Co, Black Osprey, Rotterdam
37,000 kilos, I R Boody & Co, Black Osprey, Rotterdam
SAGE—1 ck, Fritzsche Bros, Hoegh Transporter, Trieste
6 cks, Dodge & Olcott Co, Hoegh Transporter, Trieste
SASSAFRAS—45 dms, McKesson & Robbins, Nankai, Kobe
91 dms, Ungerer & Co, Peter Maersk, Kobe
SESAME—30 dms, Haas Bros, Black Falcon, Rotterdam
10 dms, I R Boody & Co, Black Falcon, Rotterdam
SOYBEAN—300 tins, Mitsubishi, Shoji Kaisha, Nankai, Dairen
SPERM—30 dms, Caledonia, Glasgow
TEASEED—200 dms, Nankai, Canton
100 dms, Arnhold & Co, Nankai, Shanghai
198 dms, Mitsui & Co, Nankai, Shanghai
250 dms, Mitsui & Co, Nankai, Shanghai
144 dms, Melchers, Inc., Peter Maersk, Hongkong
50 dms, W R Grace & Co, Peter Maersk, Hongkong
VETIVER—1 cs, Tawali, Batavia
WHALE—75 dms, Caledonia, Glasgow
YLANG YLANG—5 cs, Ungerer & Co, Rhemius, Manila
1 cs, Geo Luecders & Co, Rhemius, Manila
OPIUM — 160 cs, Merck & Co, Aquitania, Southampton
10 cs, New York Quinine & Chem Works, Southampton
6 cs, New York Quinine & Chem Works, American Trader, Southampton
ORRISROOT—1 cs, Yardley & Co, American Banker, London
162 bgs, 26,642 lbs, Livenza, Leghorn
63 bgs, Geo Luecders & Co, Nordhavet, Leghorn
116 bgs, R J Prentiss & Co, Nordhavet, Leghorn
136 bgs, Givaudan-Delawanna, Nordhavet, Leghorn
67 bgs, W J Bush & Co, Nordhavet, Leghorn
150 bgs, Nordhavet, Leghorn
PAPRIKA—110 bgs, Karr, Ellis & Co, Hansa, Hamburg
12 bgs, H Roth, Hansa, Hamburg
100 bgs, Wood & Selick, Hansa, Hamburg
53 bgs, H Schoenfeld & Son, Hansa, Hamburg
300 bgs, R F Downing & Co, Alaunia, Liverpool
2,475 bgs, Alaunia, Liverpool
25 bgs, Avery F Payne Co, President Roosevelt, Hamburg
150 bgs, President Roosevelt, Hamburg
50 bgs, H Schoenfeld & Son, President Roosevelt, Hamburg
PARAFFIN — 3,200 bgs, Asiatic Petroleum Corp, City of Wellington, Sourabaya
4,400 bgs, Asiatic Petroleum Corp, Tawali, Balik Papan
PATCHOULI LEAVES—77 bls, Volkart Bros, Phemius, Penang
74 bls, W J Bush & Co, Phemius, Penang
PEATDUST—350 bls, New Amsterdam Mfg & Supply Co, Caledonia, Glasgow
PEATMOSS—1,400 bls, President Roosevelt, Bremen
520 bls, M C Holm, Hamburg
PEPPER, BLACK—923 bgs, Catz American Co, Tawali, Pangkal Pinang
25 bgs, Sino Java Handel, Tawali, Oosthaven
225 bgs, Tawali, Oosthaven
496 bgs, Tawali, Batavia
162 bgs, Irving Trust Co, Tawali, Tangkah Pinang
587 bgs, Tawali, Tangkah Pinang
742 bgs, Phemius, Batavia
DERIVATIVE—65 dms, Hansa, Hamburg
RESIDUE—5 cks, Oakite Prod Co, Independence Hall, Havre
PIMENTO—1 bg, Colombian S S Co, Colombia, Kingston
PITCH, STEARIN—106 dms, A V Berner & Co, Kelso, Hull
56 dms, J J Gavin, Kelso, Hull
POPPYSEED—500 bgs, 55,000 lbs, Ideal Trading Co, Batory, Gdynia
200 bgs, 22,000 lbs, G T German, Batory, Gdynia
100 bgs, 11,000 lbs, Levy & Levis Co, Black Falcon, Rotterdam
100 bgs, 11,000 lbs, Black Falcon, Rotterdam
300 bgs, 33,000 lbs, C M Van Sillevoldt, Black Falcon, Rotterdam
200 bgs, Julius Loewith, Argosy, Gdynia
POTASH, CARBONATE—50 cks, Innis, Speiden & Co, Hansa, Hamburg
CAUSTIC—431 dms, American Cyanamid & Chem Co, Hansa, Hamburg
CHLORATE—1,150 cks, Uniform Chem Prod Co, Hansa, Hamburg
300 kgs, International Selling Corp, Independence Hall, Havre
MURIATE—200 bgs, N V Potash Export My, Black Hawk, Antwerp
726,000 kilos, N V Potash Export My, M C Holm, Hamburg
PRUSSIATE—10 kgs, Peter Maersk, Yokohama
SALT—30 kgs, P H Petry & Co, American Banker, London
30 kgs, P H Petry & Co, American Trader, London
PUMICE—3,500 bgs, K F Griffiths & Co, Ida, Canneto
LUMP—150 bgs, 7 cks, K F Griffiths & Co, Ida, Canneto
PYRETHRUM FLOWERS—305 bls, Robin Gray, Mombasa
13 bls, Peek & Velsor, Saturnia, Trieste
125 bls, McKesson & Robbins, Nankai, Kobe
105 bls, West Cawthorn, Mombasa
QUEBRACHO EXTRACT—1,580 bgs, International Prod Corp, American Legion, Buenos Aires
52 bgs, Robert & Gates, American Legion, Buenos Aires
1,000 bgs, American Legion, Buenos Aires
QUICKSILVER—650 flasks, Saturnia, Trieste
1,600 flasks, Roura & Forgas, American Banker, London
1,200 flasks, Guaranty Trust Co, Livenza, Leghorn
QUINCE SEED—25 bgs, American Trader, London
RAPESEED—150 bgs, A G Dunn, Ilsenstein, Antwerp
RESIN—55 cs, Paul Bertuch & Co, Swinburne, Iquitos
146 cs, Santo Domingo & Co, Swinburne, Iquitos
26 cs, Swinburne, Iquitos
RHUBARB ROOT—39 cs, R J Prentiss & Co, Nankai, Canton
22 cs, S B Penick & Co, Peter Maersk, Shanghai
16 cs, Melchers, Inc, Peter Maersk, Shanghai
ROOT, MEDICINAL—24 bls, Peek & Velsor, Saturnia, Trieste
5 bls, S B Penick & Co, President Roosevelt, Hamburg
ROSE LEAVES—2 kegs, Yardley & Co, American Banker, London
ROSIN, LIQUID—150 bbls, Scanstates, Husum
SAFFRON FLOWERS—5 cs, American Banker, London
SAGE LEAVES—24 bls, Knickerbocker Mills Co, Saturnia, Dubrovnik
221 bls, E E Marks & Co, Saturnia, Dubrovnik
40 bls, Saturnia, Trieste
SAGO FLOUR—1,452 bgs, Nankai, Singapore
1,451 bgs, Tawali, Singapore
728 bgs, Alaunia, Liverpool

SALTPETER—454 bgs, Hansa, Hamburg
SANDALWOOD—1 ck, Yardley & Co, American Banker, London
SARSAPARILLA ROOT—6 bls, Eli Lilly & Co, Calamares, Kingston
SEED, MEDICINAL—5 cs, 7 bgs, American Banker, London
SENNA LEAVES—85 bls, Barber S S Co, American Banker, London
SESAME SEED—200 bgs, Sokol & Co, Unicol, Hongkong
56 bgs, Levy & Levis Co, Unicol, Hongkong
175 bgs, Nankai, Hongkong
SHELLAC—400 bgs, E E Androvette, Markhor, Calcutta
350 bgs, 100 cs, Wm Zinsser & Co, Markhor, Calcutta
200 bgs, France, Campbell & Darling, Markhor, Calcutta
300 bgs, Guaranty Trust Co, Markhor, Calcutta
50 bgs, Philadelphia National Bank, Markhor, Calcutta
100 bgs, Alfred Kramer & Co, Markhor, Calcutta
20 bgs, 35 cs, A Hurst & Co, Hansa, Hamburg
18 cs, Holland American Line, Black Falcon, Rotterdam
BUTTON LAC—25 bgs, Guaranty Trust Co, Markhor, Calcutta
GARNET LAC—250 bgs, Wm Zinsser & Co, American Banker, London
50 bgs, Mac Lac Co, Markhor, Calcutta
SEEDLAC—100 bgs, E E Androvette, Markhor, Calcutta
1,000 bgs, Wm Zinsser & Co, Markhor, Calcutta
985 bgs, Argenti & Co, Markhor, Calcutta
100 bgs, Bank of London South America, Markhor, Calcutta
100 bgs, National City Bank, Markhor, Calcutta
50 bgs, Philadelphia National Bank, Markhor, Calcutta
300 bgs, Chase National Bank, Markhor, Calcutta
600 bgs, Alfred Kramer & Co, Markhor, Calcutta
200 bgs, Markhor, Calcutta
SIENNA—31 bbls, J Lee Smith & Co, Livenza, Leghorn
200 bgs, Livenza, Leghorn
300 bgs, 33 bbls, Reichard-Coulston, Nordhavet, Leghorn
SILICA, SCRAP—11 cks, Lunham & Reeve, Kelso, Newcastle
SLOE BERRIES—87 bgs, 15,000 lbs, Knickerbocker Mills Co, President Roosevelt, Hamburg
SOAP—6 cs, Titan Shipping Co, American Banker, London
52 cs, R H Macy & Co, Hoegh Transporter, Trieste
155 cs, 80 dms, Conti Product Corp, Nordhavet, Leghorn
35 cs, J E Bernard & Co, American Trader, London
MILLINGS—174 cs, Yardley & Co, American Banker, London
92 cs, Yardley & Co, American Banker, London
SADDLE—125 cs, Salomon & Phillips, American Trader, London
11 cs, American Express Co, Andania, London
6 cs F L Kramer & Co, Alaunia, Liverpool
SHAVING—66 cs, Yardley & Co, American Trader, London
SOFT—10 dms, Jos Fyfe, Caledonia, Glasgow
3 cs, Antony Gibbs & Co, Caledonia, Glasgow
STEARIC ACID—3 cs, Yardley & Co, American Banker, London
11 cs, Yardley & Co, American Trader, London
TOILET—9 cs, Alaunia, Liverpool
14 cs, Corn Exchange Bank, Aquitania, Southampton
11 cs, Corn Exchange Bank, American Trader, Southampton
SODA, HYDROSULPHITE—21 dms, Ilsenstein, Antwerp
PHOSPHATE — 5 cks, Moore & Munger, American Banker, London
PRUSSIATE—204 cs, H Kohnstamm & Co, Nankai, Osaka
SILICOFLUORIDE—170 cs, Chars Hardy, Peter Maersk, Yokohama
100 bgs, H Sundheimer, Hoegh Transporter, Venice
SULPHATE—1,250 dms, Ilsenstein, Antwerp
SOLVENTS—248 dms, A Mersch, Angelina, San Juan
SOOT—100 bgs, Vaugham Seed Store, Caledonia, Glasgow
SPONGES—25 bls, World Sponge Market, Flora, Turks Island
20 bls, J E Bernard & Co, Santa Paula, Havana
33 bls, Santa Paula, Havana
REFUSE—20 bls, J E Bernard & Co, Santa 5 bls, Santa Paula, Havana
53 bls, Johns-Manville Corp, Scanmail, Nassau
STARCH, RICE—100 bbls, Arabol Mfg Co, Black Hawk, Antwerp
25 cks, Habicht, Braun & Co, Hansa, Bremen
112 bbls, Stein, Hall & Co, Jean Jadot, Antwerp
STORAX—50 cs, Saturnia, Trieste
40 cs, Ida, Trieste
STRAMONIUM LEAVES—46 bls, R J Prentiss & Co, Nordhavet, Leghorn
SULPHUR—2 bbls, Merck & Co, Angelina, Ponce
SUMAC—210 bgs, E E Androvette, Livenza, Palermo
LEAF—40 bls, Livenza, Palermo
SUNFLOWER SEED—67 bgs, Hansa, Hamburg
TALC—4,200 bgs, Charles Mathieu, Livenza, Genoa
10 bgs, Castle, Overton, Inc, Nankai, Shanghai
200 bgs, C B Chrystal & Co, Peter Maersk, Kobe
600 bgs, L A Salomon & Bros, Independence Hall, Bordeaux
100 bgs, Hammill & Gillespie, Independence Hall, Bordeaux
500 bgs, Whittaker, Clark & Daniels, Independence Hall, Bordeaux
TANKAGE—1,200 bgs, Van Iderstine Co, Dagrun, Buenos Aires
TANTALITE ORE—20 bgs, Norton, Lilly & Co, City of Wellington, Singapore
20 bgs, Booth American Shipping Co, Rhemius, Batavia
TAPIOCA FLAKE—271 bgs, Stein, Hall & Co, City of Wellington, Sourabaya
1,141 bgs, Stein, Hall & Co, Tawall, Sourabaya
443 bgs, Stein, Hall & Co, Phemius, Sourabaya
FLOUR—250 bgs, H P Winter & Co, Phemius, Batavia
250 bgs, Chase National Bank, Phemius, Batavia
11,317 bgs, Stein, Hall & Co, City of Wellington, Sourabaya
500 bgs, Java American Export Co, Wellington, Sourabaya
604 bgs, Chase National Bank, City of Wellington, Sourabaya
504 bgs, City of Wellington, Sourabaya
750 bgs, Java American Export Co, City of Wellington, Batavia
2,500 bgs, National Adhesive Corp, City of Wellington, Batavia
2,060 bgs, Stein, Hall & Co, City of Wellington, Batavia
FLOUR—1,000 bgs, Chase National Bank, City of Wellington, Batavia
500 bgs, Joe Lowe Corp, City of Wellington, Cheribon
1,070 bgs, Balfour, Guthrie & Co, City of Wellington, Pamanoekan
525 bgs, Rutger Bleecker & Co, City of Wellington, Batavia
250 bgs, H P Winter & Co, City of Wellington, Cheribon
1,200 bgs, Chase National Bank, City of Wellington, Cheribon
250 bgs, H P Winter & Co, City of Wellington, Batavia
7,069 bgs, Stein, Hall & Co, Tawall, Sourabaya
362 bgs, Chase National Bank, Tawall, Cheribon
1,500 bgs, Stein, Hall & Co, Tawall, Batavia
900 bgs, Rutger Bleecker & Co, Tawall, Semarang
250 bgs, H P Winter & Co, Tawall, Batavia
479 bgs, H P Winter & Co, Tawall, Cheribon
1,740 bgs, Balfour, Guthrie & Co, Tawall, Pamanoekan
2,532 bgs, Stein, Hall & Co, Tawall, Batavia
3,355 bgs, Stein, Hall & Co, Tawall, Cheribon
710 bgs, New York Trust Co, Tawall, Tjilatjan
750 bgs, Tawall, Tjilatjan
276 bgs, Stein, Hall & Co, Phemius, Sourabaya
552 bgs, First National Bank, Phemius, Sourabaya
1,000 bgs, Chase National Bank, Phemius, Tegal
551 bgs, H P Winter & Co, Phemius, Cheribon
1,000 bgs, Chase National Bank, Phemius, Cheribon
500 bgs, Java American Export Co, Phemius, Cheribon
PEARL—488 bgs, Stein, Hall & Co, City of Wellington, Sourabaya
SEED—121 bgs, Stein, Hall & Co, City of Wellington, Sourabaya
181 bgs, Stein, Hall & Co, Tawall, Sourabaya
TARTAR—288 bgs, Livenza, Naples
140 bgs, Hoegh Transporter, Trieste
100 bgs, First National Bank, Independence Hall, Bordeaux
178 bgs, Charles Pfizer & Co, Nordhavet, Marseilles
396 bgs, Ida, Naples
THYME LEAVES—200 bgs, W T Rawleigh Co, Nordhavet, Marseilles
TIMBO, POWDERED—100 cs, Guaranty Trust Co, Swinburne, Para
563 cs, Swinburne, Para
ROOT—300 pkgs, W R Grace & Co, Swinburne, Manaos
TINTORIAL EXTRACT—12 cks, Morris Export Co, Ile de France, Havre
TONKA BEANS—84 bbls, Machado & Co, Swinburne, Para
1 bbl, Machado & Co, Luna, Porto Cabello
TUNGSTEN, POWD—40 dms, 4 tons, 14 cwt, 23 lbs, C Tennant Sons, & Co. Alaunia, Liverpool
VALERIAN ROOT—100 bls, Amtorg Trading Corp, Kaganovich, Leningrad
VALONEA EXTRACT—202 bgs, Saturnia, Trieste
VANILLA BEANS—15 cs, Audania, Southampton
12 cs, Ile de France, Havre
WATTLE BARK—2,211 bls, 199 tons, 15 cwt, 2 qtrs, 27 lbs, Tannin Corp, Robin Gray, Mombasa
3,947 bls, West Cawthon, Mombasa
1,423 bls, Tannin Corp, West Cawthon, Durban
3,615 bls, West Cawthon, Durban
WAX, BEES—200 bgs, Wessel, Duval & Co, American Legion, Santos
28 bgs, Curacao Trading Co, Coamo, Ciudad
36 bgs, E A Bromund & Co, Orizaba, Havana
27 bgs, Porcella, Vicini & Co, Orizaba, Havana
7 bgs, Lenape Trading Co, Orizaba, Havana
1 bg, D Steengrafe, Borinquen, San Juan
10 bgs, Curacao Trading Co, San Jacinto, Puerto Plata
9 serroons, Porcella, Vicini & Co, San Jacinto, Puerto Plata
91 pkgs, Wm M Allison & Co, Nordhavet, Lisbon
40 cs, Orbis Product Corp, Ile de France, Havre
5 cs, Ile de France, Havre
MONTAN—5 bgs, Heemsoth Kerner Corp, Hansa, Hamburg
375 bgs, Strohmeyer & Arpe Co, Hansa, Hamburg
OZOKERITE—20 bgs, Strahl & Pitsch, Saturnia, Trieste
84 bgs, Strohmeyer & Arpe Co, Saturnia, Trieste
67 bgs, American Cyanamid & Chem Co, Saturnia, Trieste
100 bgs, Smith & Nichols, Saturnia, Trieste
31 bgs, Heemsoth Kerner Corp, Hansa, Hamburg
140 bgs, Strohmeyer & Arpe Co, Hoegh Transporter, Trieste
100 bgs, Innis, Speiden & Co, Hoegh Transporter, Trieste
171 bgs, Hoegh Transporter, Trieste
SPERMACETTI—100 cs, Caledonia, Glasgow
VEGETABLE—19 bgs, A Hurst & Co, American Banker, London
40 bgs, American Banker, London
20 bgs, L A Salomon & Bros, Caledonia, Glasgow
WHITING—3,000 bgs, Jean Jadot, Antwerp
WITHERITE—500 bgs, Kelso, Newcastle
YEAST—30 bbls, 10 kgs, Hansa, Hamburg
150 cks, Guaranty Trust Co, Hansa, Hamburg
300 bgs, Yegen, Inc, President Roosevelt, Hamburg
ZINC OXIDE—50 cks, 13,750 lbs, C B Chrystal & Co, Batory, Gdynia
50 bbls, Innis, Speiden & Co, Ilsenstein, Antwerp
300 bgs, 50 dms, Philipp Bros, Jean Jadot, Antwerp
5 cs, Yardley & Co, Andania, London
ZINC, AMMONIA CHLORIDE—41 cks, 23,579 lbs, American Cyanamid & Chem Co, Black Hawk, Antwerp

New York Transit Imports

CAMPHOR, REFINED—300 cs, McKesson & Robbins, Nankai, Kobe, Bridgeport
CASSIA, BROKEN—50 lbs, Frank Tea & Spice Co, Unicol, Hongkong, Cincinnati
ROLLS—125 bls, Frank Tea & Spice Co, Unicol, Hongkong, Cincinnati
CHEMICALS—111 cs, Mallinckrodt Chemical Works, Drottningholm, Gothenburg, St Louis
OPIUM—34 cs, Mallinckrodt Chem Works, Aquitania, Southampton, St Louis
1 cs, Eli Lilly & Co, American Trader, London, Indianapolis
ORANGE PEEL—10 cs, American Banker, London, Peoria
ZINC SULPHIDE—1 ck, Claudius Ash Sons & Co, American Trader, London, Irvington, N J

Baltimore Imports

ANTIMONY OXIDE—111 csks, City of Hamburg, Havre
BONE CHAR (FERTILIZER)—400 bgs, Black Osprey, Rotterdam
BONEMEAL—442 bgs, City of Hamburg, Hamburg
CASEIN—333 bgs, Sarcoxie, St Nazaire
CALCIUM SILICIDE—1,094 bbls, Olymp, Sauda
CHEMICALS—500 bgs, Black Osprey, Antwerp
100 csks, Black Osprey, Rotterdam
20 csks, F H Shallus, City of Hamburg, Hamburg
1 cs, Balto & Ohio R R Co, City of Hamburg, Hamburg
500 bgs, City of Hamburg, Bremen
CHROME ORE—843 tons, Robin Gray, Beira
1,100 tons, Examiner, Volo
6,505 tons, E J Lavino Co, Drimore Castle, Beira
CLAY, BLUE—57 csks, Black Osprey, Rotterdam
REFRACTORY—1,200 bgs, Black Osprey, Antwerp
FERROMANGANESE—897 bbls, 1,002 dms; 1,120 tons, Olymp, Sauda
FISHMEAL—3,186 bgs, Hoegh Carrier, Yokohama
IRON ORE—9,101 tons, Leo J Buck, Nuolja, Narvik
11,500 tons, Bethlehem Steel Co, Firmore, Daiquiri
7,135 tons, Leo J Buck, Luossa, Narvik
21,500 tons, Bethlehem Steel Co, Marore, Cruz Grande
4,000 tons, Bethlehem Steel Co, Wiegand, Whyalla
21,400 tons, Bethlehem Steel Co, Steelore, Cruz Grande
LIVERMEAL—300 bgs, Black Osprey, Rotterdam
MAGNESITE—17,581 bgs, General Refractories, Teresa, Trieste
MANGANESE ORE—6,000 tons, Amtorg Trading Corp, Minsk, Poti
8,150 tons, Carnegie Steel Co, Troutpool, Takoradi
8,100 tons, E J Lavino Co, Willowpool, Takoradi
MENTHOL—10 cs, Norfolk, Kobe
PEATMOSS—5,312 bls, City of Hamburg, Bremen
PHOSPHATE, PRECIPITATED—2,262 bgs, Bradley & Baker, Black Osprey, Antwerp
PYRETHRUM FLOWERS—125 bls, Seisho, Otaru
125 bls, Seisho, Kobe
SARDINE MEAL—4,840 bgs, Seisho, Kobe
6,720 bgs, Seisho, Yokohama
1,300 bgs, Norfolk, Kobe
SOYBEAN MEAL—4,000 bgs, Norfolk, Dairen
TALC—275 bgs, Hammill & Gillespie, Sarcoxie, Bordeaux
TANNING EXTRACT—1,442 bgs, Tannin Corporation, Atlantic, Durban
WATTLE BARK—275 bls, Tannin Corporation, Atlantic, Durban
EXTRACT—363 double bgs, Atlantic, Durban

Boston Imports

ALBUMEN, HEN EGG—28 cs, Nankai, Kobe
ANTIMONY SULPHIDE—10 cks, Wishnick Tumpeer, Caledonia, Glasgow
ARGOLS—91 bgs, Hoegh Transporter, Naples
BLUE, BERLIN—1 ck, 310 lbs, C H Powell & Co, Hagen, Hamburg
BONEMEAL—467 bgs, Ashcraft Wilkinson Co, Konigsberg, Hamburg
400 bgs, 40,300 lbs, Ashcraft Wilkinson Co, Hagen, Hamburg
BONE, GRANULATED—3,073 bgs, Hameln, Buenos Aires
CHEMICALS—26 dms, 60 cks, 320 double bgs, 561 bgs, Konigsberg, Hamburg
4 cs, Bank of London & So America, Konigsberg, Hamburg
32 cks, Innis, Speiden & Co, Konigsberg, Hamburg
25 cks, Schofield-Donald Co, Caledonia, Glasgow
143 bgs, 22,068 lbs, Hagen, Hamburg
78 cks, 59,857 lbs, Innis, Speiden & Co, Hagen, Hamburg
10 dms, 6,173 lbs, Royal Bank of Canada, Hagen, Hamburg
COCOA BEANS—800 bgs, New Brunswick, Apapa
1,600 bgs, Walter Baker & Co, New Brunswick, Accra
2,400 bgs, Bankers Trust Co, New Brunswick, Accra
1,600 bgs, Guaranty Trust Co, New Brunswick, Accra
1,500 bgs, Superintendence Co, New Brunswick, Takoradi
2,283 bgs, Bankers Trust Co, New Brunswick, Grand Bassam
COCOANUT, DESSICATED—210 cs, Balfour, Guthrie & Co, Tai Ping, Manila
125 cs, Philippine Dessicated Cocoanut Corp, Tai Ping, Zamboanga
50 cs, Connell Bros Co, Tai Ping, Davao
FISHLIVERS—68 tins from Japan
555 cs, Asano Bussan Co, Tai Ping, Yokohama
GLASS, PLATE—1 cs, T D Downing Co, Konigsberg, Hamburg
GINGER ROOT—7 pkgs, Quong Wah Lung, Tai Ping, Hongkong
GLUE, HIDE, GRD—200 bgs, Hoegh Transporter, Trieste
GLUESTOCK—183 bls, 45,783 lbs, Great Eastern Packing & Paper Stock Corp, Hagen, Hamburg
FISH BONES—159 bgs, Russia Cement Co, Yarmouth, Yarmouth
FISH SCRAP—3 bxs, J R Poole, Yarmouth, Yarmouth
3 bbls, R Ranagan, Yarmouth, Yarmouth
5 bxs, J A Rich, Yarmouth, Yarmouth
8 bbls, Russia Cement Co, Newfoundland, Halifax
GLYCERIN—60 dms, Konigsberg, Hamburg
GUM, ARABIC—50 bgs, 11,243 lbs, Speybank, Port Sudan
INDUSTRIAL—40 bgs, J P Marston Co, Newfoundland, Liverpool
IRON OXIDE—3 csks, Newfoundland, Liverpool
MACE—37 cs, Tawall, Macassar
MEDICINAL PREPS—10 cs, United Drug Co, Newfoundland, Liverpool
9 pkgs, Foo Sun Co, Tai Ping, Hongkong
13 pkgs, Quong Wah Lung, Tai Ping, Hongkong
MICA SPLITTINGS—280 bgs, E J Cornelis, Speybank, Calcutta
WASTE — 2,008 bgs, First National Bank, Speybank, Calcutta
OIL, COD—435 bbls, Marden Wild Corp, Connoisseur, Halifax
CODLIVER—199 bbls, State St Trust Co, Konigsberg, Hamburg
20 bbls, 5,422 lbs, Hagen, Hamburg
20 dms, 5,071 lbs, C P Washburn Co, Hagen, Hamburg
FUEL—52,609 bbls, Mexican Petroleum Corp, Wellfield, Aruba
53,509 bbls, Mexican Petroleum Corp, Mantilla, Aruba
MINERAL—50 dms, Konigsberg, Hamburg
25 dms, Kuhn Libby & Co, Konigsberg, Hamburg
35 dms, 16,153 lbs, Hagen, Hamburg
OLIVE—100 dms, National Bank of Greece, Hoegh Transporter, Piraeus
PALM—350 tons, New Brunswick, Abonema
OIL, PEANUT—5 cs, Tung Hing Lung, Tai Ping, Hongkong
79 cs, Quong Wah Lung, Tai Ping, Hongkong
SPERM—200 bbls, 40 dms, Caledonia, Glasgow
SULPHUR OLIVE—444 dms, Bank of Greece, Hoegh Transporter, Piraeus
TEASEED—75 dms, Nankai, Hongkong
VETIVER—1 dm, Tawali, Cheribon
PEATMOSS—1,250 bls, Louis E Page, Konigsberg, Bremen
20 bls, Konigsberg, Bremen
800 bls, 116,535 lbs, Hagen, Bremen
40 bls, Konigsberg, Bremen
310 bls, Konigsberg, Bremen
POTASH, CAUSTIC—21 dms, Konigsberg, Hamburg
CHLORATE—404 csks, 100,021 lbs, Uniform Chemical Products, Inc, Hagen, Hamburg
MURIATE—3,400 bgs, N V Potash Export Mij, Konigsberg, Hamburg
4,262,594 lbs, N V Potash Export Mij, Konigsberg, Hamburg
SULPHATE—4,750 bgs, N V Potash Export Mij, Konigsberg, Hamburg
ROOTS, DANDELION—42 bgs, 4,742 lbs, Lydia E. Pinkham Medicine Co, Hagen, Hamburg
DRIED—20 bls, Konigsberg, Hamburg
SALTPETER—430 dble bgs, Konigsberg, Hamburg
SESAME SEED—15 bdls, Quong Wah Lung, Tai Ping, Hongkong
SHELLAC—20 double bgs, 15 single bgs, J H Schroeder Banking Corp, Konigsberg, Hamburg
50 chsts, Speybank, Calcutta
75 bgs, Grace National Bank, Speybank, Calcutta
10 bgs, 1,685 lbs, Adolphe Hurst & Co, Hagen, Hamburg
GARNETLAC—25 bgs, Gillespie, Rogers, Pyatt Co, Speybank, Calcutta
SOAP, TOILET—1 cs, Lever Bros, Newfoundland, Liverpool
SODA SULPHIDE—156 cs, Philipp Bros, Tai Ping, Yokohama
SOYBEAN MEAL—1,000 bgs, Mitsubishi Shoji Kaisha, Norfolk, Dairen
1,000 bgs, Mitsui & Co, Nankai, Dairen
1,200 bgs, Balfour, Guthrie & Co, Nankai, Dairen
SUNFLOWER SEED—287 bgs, 44,059 lbs, Thomas W Emerson & Co, Hagen, Hamburg
TAPIOCA FLOUR—276 bgs, 55,955 lbs, Guaranty Trust Co, Phemius, Pasoeroean
552 bgs, 111,909 lbs, First National Bank, Phemius, Pasoeroean
482 bgs, 110,461 lbs, H P Winter & Co, Phemius, Cheribon
250 bgs, 50,076 lbs, Chase National Bank, Phemius, Cheribon
250 bgs, 55,809 lbs, Guaranty Trust Co, Phemius Cheribon
1,369 bgs, National City Bank, Tawali, Sourabaya
250 bgs, Guaranty Trust Co, Tawali, Cheribon
1,070 bgs, Balfour, Guthrie & Co, Tawali, Pamanoekan
WAX, MONTAN—750 bgs, Strohmeyer & Arpe Co, Konigsberg, Hamburg
225 bgs, 34,722 lbs, Strohmeyer & Arpe Co, Hagen, Hamburg

Boston Transit Imports

LIME, ADHESIVE—12 dms, A T Alexander, President Harrison, Genoa, for Montreal
OIL, CODLIVER—167 dms, 86 bbls, Mead, Johnston & Co, Newfoundland, St John's, N F for Evansville, Indiana
TAPIOCA, PEARL—175 bgs, National City Bank, Tawali, Sourabaya, for Toronto
SEED—125 bgs, National City Bank, Tawali, Sourabaya, for Toronto

Fall River Imports

OIL, FUEL—64,152 bbls, Shell Union Oil Corp, Megara, Curacao
84,524 bbls, Shell Union Oil Corp, Permian, Curacao

Galveston Imports

CREOSOTE—1,000 bbls, Beth, Antwerp

Houston Imports

ARSENIC—100 cs, Genevieve Lykes, Cristobal
CHEMICALS—10 dms, Taurus, Heroen
COCONUTS—61 bgs, Almeria Lykes, Arroyo
COMPOUND, CLEANING—31 cs, City of Joliet, Hamburg
HOPS—50 cs, 50 bls, City of Joliet, Hamburg
GLASS, WINDOW—46 cs, City of Joliet, Hamburg
SALTCAKE—681,000 kilos, City of Joliet, Bremen
SOAP—10 ctns, Almeria Lykes, Arroyo
SODA, BICARBONATE—892 bgs, El Valle, New York

Los Angeles Imports

ALUMINUM LEAF—20 lbs, Sanyo, Yokohama
AMMONIA SULPHATE—400,000 lbs, Kosei, Kobe
9,856,000 lbs, Yoshi, Osaka
224,000 lbs, Kovei, Kobe
BABASSU KERNELS — 1,322,820 lbs, West Ivis, Maranhao
BLOOD, DRIED—70,000 lbs, from Juarez
CANARY SEED—55,570 lbs, Emergency Aid, Buenos Aires
51,850 lbs, Fijian, Istanbul
CASTOR BEANS—224,870 lbs, Hovanger, Pernambuco
CHEMICAL COMP—1,800 lbs, from Yokohama
250 lbs, Kovei, Yokohama
CLAY, ACTIVATED—66,140 lbs, Weser, Hamburg
GROSSLAMERDO — 176,920 lbs, Oakland, Bremen
COPRA—900,480 lbs, Somerville, Zamboanga
4,480,000 lbs, Nichiyo, Cebu
1,791,200 lbs, Olympia, Legaspi
1,579,200 lbs, Olympia, Cebu
681,450 lbs, Olympia, Guam
336,000 lbs, Olympia, Manila
184,600 lbs, Mariposa, Samoa
MEAL—440,000 lbs, Saparoea, Manila
330,000 lbs, Kota Agoeng, Philippine Islands
290,000 lbs, from Manila
2,576,000 lbs, Somerville, Manila
COTTON LINTERS—76,850 lbs, West Ivis, Sao Paulo
21,610 lbs, Hollywood, Sao Paulo
DRUGS—5 lbs, Kosei, Kobe
FERROCHROME ORE—560,000 lbs, Somerville, Manila
FERTILIZER—630,000 lbs, Kosei, Kobe
56,000 lbs, Koa Agoeng, Bombay
COMPOUND—2,000,320 lbs, Nichiyo, Kobe
112,000 lbs, Kovei, Kobe
200,000 lbs, Kovei, Yokohama
SUBSTANCE—100,000 lbs, Kosei, Yokohama
FISH MEAL—270,010 lbs, Kosei, Kobe
GUM—70 lbs, from Beymouth
HEMPSEED MEAL—100,000 lbs, Cuba, Kobe
INK—130 lbs, Kosei, Tokio
LIME JUICE—1,000 lbs, West Ivis, Roseau
MANIOC MEAL—223,990 lbs, Fijian, Sourabaya

MEDICINAL PREPS—50 lbs, Kosei, Kobe
80 lbs, Kosei, Yokohama
MILLET SEED—111,290 lbs, Hoyanger, Buenos Aires
OIL, COTTONSEED—111,840 lbs, West Ivis, San Paulo
258,410 lbs, Hoyanger, Pernambuco
336,000 lbs, Hardanger, San Paulo
900,220 lbs, Koyei, Kobe
2,284,840 lbs, Cuba, Kobe
132,560 lbs, Hoyanger, Pernambuco
EXPRESSED—44,000 lbs, Kosei, Kobe
74,000 lbs, Cuba, Kobe
EUCALYPTUS — 2,200 lbs, Mariposa, Melbourne
HAIR—70 lbs, Kosei, Kobe
MINERAL—155,100 lbs, Fijian, Copenhagen
OLIVE—21,770 lbs, President Wilson, Athens
VEGETABLE—76,800 lbs, Koyei, Kobe
26,000 lbs, Cuba, Kobe
PEANUT MEAL—306,000 lbs, Cuba, Tsingtau
PEPPER, BLACK — 11,300 lbs, Hopecrest, Dutch East Indies
10,960 lbs, Somerville, Batavia
PHOSPHATE AMMONIATED—2,000,320 lbs, Nichiyo, Kobe
1,198,400 lbs, Nichiyo, Yokohama
RICE FLOUR—240 lbs, Nichiyo, Yokohama
1,070 lbs, Kosei, Kobe
640 lbs, Kosei, Yokohama
SARDINE MEAL—100,000 lbs, Kosei, Yokohama
100,000 lbs, Kosei, Kobe
112,000 lbs, Koyei, Kobe
SEAWEED—350 lbs, Nichiyo, Yokohama
SESAME SEED—120 lbs, Koyei, Yokohama
MEAL—1,130 lbs, Kosei, Yokohama
100,000 lbs, Cuba, Kobe
100,000 lbs, Kosei, Kobe
SHELLAC—1,540 lbs, President Wilson, Milano
SILVERSAND—1,008,000 lbs, San Pedro, Antwerp
SOAP, SADDLE—130 lbs, Lochgoil, London
SODA, CYANIDE—2,000 lbs, San Pedro, Paris
SOYBEAN—1,500 lbs, Kosei, Yokohama
STARCH, POTATO—1,070 lbs, Kosei, Kobe
290 lbs, Kosei, Yokohama
SUPERPHOSPHATE—400,000 lbs, Kosei, Kobe
199,360 lbs, Nichiyo, Osaka
400,000 lbs, Koyei, Kobe
TALLOW—12,000 lbs, Hoyanger, Para
TANKAGE—10,080 lbs, Emergency Aid, Buenos Aires
TAPIOCA MEAL — 279,980 lbs, Somervjlle, Sourabaya
UCUHUBA KERNELS—55,990 lbs, Hoyanger, Para
WAX, MINERAL—67,450 lbs, Somerville, Batavia
ZINC OXIDE—2,750 lbs, Mariposa, Sydney

Mobile Imports

MANGANESE ORE — 2,100 tons, Gypsum Queen, Santiago

New Orleans Imports

BAUXITE ORE—2,790 tons, Republic Mining & Mfg Co, Sorvangen, Paramaribo
2,370 tons, Republic Mining & Mfg Co, Lorentz W Hansen, Paramaribo
BLEACHING POWDER — 100 cs, Indiana, Antwerp
COCOA BEANS—300 sks, O McAllister, Santa Marta, Havana
CARAWAY SEED—75 sks, Breedijk, Rotterdam
CHEMICALS—150 dms, Advance Solvents & Chemical Co, Breedijk, Rotterdam
30 dms, 5 cs, Breedijk, Rotterdam
96 cks, Breedijk, Antwerp
COCONUTS — 150 sks, L Hayward, Port Antonio, Belize
FERTILIZER—3,271 sks, Wilson & Co, Santos, Buenos Aires
FULLER'S EARTH—700 sks, L A Salomon & Bros, Indiana, Antwerp
GLASS, FLAT—8 cs, Indiana, Antwerp
PHOTO—550 cs, Breedijk, Antwerp
PLATE—13 cs, Breedijk, Antwerp
GUM, CHICLE—22 bls, F Huber, Port Antonio, Belize
440 bls, Wm Wrigley, Port Antonio, Belize
NAPHTHALENE—1,250 sks, Indiana, Antwerp
NAPHTHOL—67 ctns, United Fruit Co, Santa Marta, Cristobal
OIL, CODLIVER—488 dms, Guaranty Trust Co, Indiana, Antwerp
100 dms, Indiana, Antwerp
LUBRICATING—60 dms, Breedijk, Antwerp
SULPHUR—400,000 kilos, Central Hanover Bank & Trust Co, Maria, Messina
VEGETABLE SALAD—24 ctns, United Fruit Co, Santa Marta, Cristobal
PAINT, PREP—56 cs, 50 dms, United Fruit Co, Santa Marta, Cristobal
PEATMOSS—3,232 bls, Premier Peat Moss Corp, Breedijk, Rotterdam
3,735 bls, Breedijk, Rotterdam
QUICKSILVER—725 bottles, Indiana, Antwerp
SALTCAKE—505 tons, Bank of Manhattan, Indiana, Antwerp
SODA, NITRATE—7,620,000 kilos, Guaranty Trust Co, Frederika Lensen, Iquique
WOOD, PRESERVATIVE — 25 dms, United Fruit Co, Santa Marta, Cristobal

Norfolk Imports

CHEMICALS—75 dms, 12 tons, Black Osprey, Antwerp
156 dms, Beemsterdijk, Rotterdam
CHINA CLAY—21,088 lbs, English China Clay Sales Corp, Gloucester City, Fowey
CLAY BALL—6,860 lbs, Moore & Munger, Gloucester City, Fowey
COCOA RESIDUE—2,000 bgs, Beemsterdijk, Rotterdam
DYES, INTERMEDIATE—14 cks, Cincinnati Chem Works, Beemsterdijk, Rotterdam
FERTILIZER—635 bls, 41 tons, Black Osprey, Antwerp
2,353 bgs, 198 tons, J C Jett, Black Osprey, Antwerp
LEATHER WASTE—240 bdls, 7 tons, Smith, Rowland & Co, Black Osprey, Antwerp
OIL, CODLIVER, MED—65 dms, City of Hamburg, Hamburg, for Newport News, Va
CODLIVER, POULTRY—65 dms, City of Hamburg, Hamburg, for Newport News, Va
RAVISON MEAL—6,667 bgs, Manufacturers Trust Co, N Y, Teresa, Trieste
STARCH, CHEM TREATED—100 bgs, Norfolk Tidewater Terminals, Beemsterdijk, Rotterdam
POTATO—2,000 bgs, Guaranty Trust Co, Beemsterdijk, Rotterdam
TAPIOCA FLOUR—547 bgs, National City Bank, N Y, Talisse, Sourabaya
822 bgs, National City Bank, N Y, Gloucester City, Fowey
726 bgs, H P Winter & Co, Soemba, Batavia
759 bgs, Guaranty Trust Co, Soemba, Batavia

Philadelphia Imports

ACID, CRESYLIC—125 dms, Manchester Hero, Manchester
125 dms, Barrett Co, Cold Harbor, Dublin
160 dms, Cold Harbor, Manchester
35 dms, Cold Harbor, Liverpool
75 dms, Cold Harbor, Liverpool
170 dms, McKeesport, Glasgow
AMMONIA, SULPHATE—1,250 bgs, Bragley & Baker, Spaarndam, Rotterdam
BAUXITE—1,920 tons, Aluminum Union, Ltd, Ingrid, Georgetown, B G
BEET PULP—4,480 bgs, Tide Water Grain Co, Cold Harbor, Dublin
CALCIUM SILICIDE—161 dms, Philadelphia National Bank, Pipestone County, Havre
CANARY SEED—246 bgs, The Angeles, Buenos Aires
CARAWAY SEED—50 bgs, Levy & Levis Co, Spaarndam, Rotterdam
CARBON DECOLORIZING — 120 bgs, L A Salomon & Bro, Spaarndam, Rotterdam
CASEIN, GRD—250 bgs, The Angeles, Buenos Aires
CASSIA BUDS—200 cs, R T French Co, Silversandal, Hongkong
CHALK—200 bgs, Black Osprey, Antwerp: 200 bgs, F B Vandegrift & Co, Black Osprey, Antwerp
CRUDE—332,000 kilos, Chase National Bank, Pipestone County, Dunkirk
CHEMICALS—500 dms, American Cyanamid & Chemical Corpn, Black Osprey, Antwerp
750 bgs, African Metal Corpn, Black Osprey, Antwerp
37 cks, Chase National Bank, Black Osprey, Antwerp
500 bgs, Black Osprey, Antwerp
50 dms, Black Osprey, Rotterdam
30 cks, Ciba Co, Spaarndam, Rotterdam
3,700 bgs, Hummel Chemical Co, Spaarndam, Rotterdam
250 cks, 400 bgs, Advance Solvents & Chemical Corpn, Spaarndam, Rotterdam
CINCHONA BARK—946 bls, Spaarndam, Rotterdam
CHINA CLAY—1,652 tons, 2 cwt, E C C Sales Corpn, Kirsten Maersk, Fowey
1,105 tons, 13 cwt, Moore & Munger
STONE, GRD—60 tons, 2 cwt, E C C Sales Corpn, Kirsten Maersk, Fowey
SAMPLES—2 cks, 1 cs, Keer Maurer Co, Cold Harbor, Manchester
1 bx, United Clay Corpn, Cold Harbor, Manchester
CLAY, BALL—109 tons, 6 cwt, ECC Sales, Corpn, Kirsten Maersk, Fowey
200 tons, ECC Sales Corpn, Boston City, Bristol
BLUE—400 tons, Moore & Munger, Kirsten Maersk, Fowey
30 tons, T H Sant & Sons Co, Boston City, Fowey
COALTAR DISTILLATE—30 dms Monsanto Chemical Works, Cold Harbor, Liverpool
COCOA BEANS—9,071 bgs, W & A Leaman, Calumet, Lagos
2,573 bgs, W & A Leaman, Calumet, Lome
7,500 bgs, W & A, Leaman, Calumet, Accra
4,335 bgs, Cie Francaise de L'Afriqua Occidentale, Calumet, Accra
4,350 bgs, Calumet, Saltpond
1,500 bgs, Superintendence Co, Calumet, Saltpond
2,902 bgs, Cie Francaise de L'Afrique Occidentale, Calumet, Cape Coast
8,660 bgs, Cie Francaise L'Afrique, Calumet, Takaoradi
3,059 bgs, W & A Leaman, Calumet, Takoradi
3,000 bgs, Balfour, Guthrie & Co, Cabedello, Bahia
2,000 bgs, W R Grace & Co, Cabadello, Bahia
3,000 bgs, Wessel, Duval & Co, Golden Sea, Bahia
COCONUT, DESSICATED—100 cs, Markhor, Colombo
COLORS, PIGMENT—1 cs, Wm J Jones & Co, Spaarndam, Rotterdam
DEXTRIN, POTATO—240 bgs, Guaranty Trust Co, Spaarndam, Rotterdam
DISINFECTANT, LIQ—1 dm, R T French Co, McKeesport, Hull
DRUGS—9 dms, 3 kgs, American Chemical & Paint Co, Pipestone County, Havre
FLAXSEED—2,700 tons, L Dreyfus & Co, Cubano, Santa Fe
GAMBIER—260 cs, American Dyewood Co, Rhesus, Belawan Deli
GARNET LAC—250 bgs, Bank of Manhattan Co, Markhor, Calcutta
GLYCERIN—40 dms, Pipestone County, Dunkirk
53 dms, Cold Harbor, Liverpool
GUM, COPAL—70 bgs, Philadelphia National Bank, Rhesus, Singapore
100 bgs, Black Osprey, Antwerp
GYPSUM—50 bgs, Whittaker, Clark & Daniels, Manchester Hero, Manchester
HOPS—10 bls, Koons, Wilson & Co, McKeesport, Hamburg
IRON OXIDE—20 csks, F B Vandegrift & Co, Manchester Hero, Manchester
25 csks, Jos A McNulty, Cold Harbor, Manchester
SULPHITE CHLORITE—2 bbls, Wm J Jones & Co, Spaarndam, Rotterdam
LICORICE ROOT—3,392 bls, MacAndrew & Forbes Co, Examiner, Alexandretta
MAGNESITE—40 dms, Speiden, Whitfield Co, Spaarndam, Rotterdam
CALCINED—550 bbls, Examiner, Salonica
MANGANESE ORE—250 bgs, Carus Chemical Co, Spaarndam, Rotterdam
MANIOC MEAL—1,984 bgs, Chase National Bank, Rhesus, Samarang
MILK POWDER—1,120 bgs, Spaarndam, Rotterdam
MOLASSES—26,910 gls, Commercial Molasses Co, Dora, Sagua la Grande
20,667 gls, Commercial Molasses Co, Dora, Puerto Padre
MUSTARD SEED—361 bgs, R T French Co, Black Osprey, Rotterdam
NAPHTHALENE—332 bgs, Barrett Co, Boston City, Bristol
650 bgs, Barrett Co, Black Osprey, Rotterdam
213 bgs, Barrett Co, Manchester Hero, Manchester
773 bgs, Barrett Co, Cold Harbor, Manchester
218 bgs, Barrett Co, McKeesport, Hull
NUTMEGS—100 bgs, Spaarndam, Rotterdam
OIL—2 cs, J L Vandiver, Pipestone County, Havre
COCONUT, CRUDE—250 tons, Philippine Refining Corp, Silversandal, Manila
CODLIVER—100 dms, McKeesport, Hamburg
100 cks, McKeesport, Hamburg
CORN—50 dms, E F Houghton & Co, Black Osprey, Antwerp
28 dms, order, Black Osprey, Antwerp
CORN, CRUDE—104 dms, Black Osprey, Antwerp
37,080 kilos, Bisbee Linseed Co, Black Osprey, Rotterdam
PALM—49 cks, Balfour, Guthrie & Co, Spaarndam, Rotterdam
PALMKERNEL — 75,000 kilos, Spaarndam, Rotterdam
SESAME—635,288 kilos, Spaarndam, Rotterdam
SPERM, CRUDE—30 dms, McKeesport, Glasgow
OSSEIN—1,699 bgs, Black Osprey, Antwerp
PAINT—1 cs, F B Vandegrift & Co, Pipestone County, Havre
PARAFFIN—800 bgs, Atlantic Refining Co, Rhesus, Sourabaya
PEATMOSS — 1,567 bls, Premier Peat Moss Corpn, Spaarndam, Rotterdam
1,200 bls, McKeesport, Bremen
PEPPER, WHITE—140 bgs, Rhesus, Singapore
64 bgs, Rothschild & Co, Rhesus, Singapore
30 cs, 50 bgs, F B Vandegrift & Co, Manchester Hero, Manchester
310 pkgs Cold Harbor, Liverpool
POPPYSEED — 100 bgs, Levy & Levis Co, Spaarndam, Rotterdam
QUEBRACHO EXTRACT—2,950 bgs, International Products Corp, The Angeles, Buenos Aires
RAPESEED—150 bgs, Spaarndam, Rotterdam
SAND, FURNACE—800 bgs, 100 cks, Alpha Lux Co, Spaarndam, Rotterdam
SHELLAC—25 cs, Bank of Manhattan Co, Markhor, Calcutta
SODA, NITRATE—29,970 bgs, 446 tons, Guaranty Trust Co, Tercero, Tocopilla
8,097 bgs, 179 tons, Guaranty Trust Co, Tercero, Iquique
SOYBEAN MEAL—2,000 bgs, Balfour, Guthrie & Co, Norfolk, Dairen
STARCH, POTATO—795 bgs, Guaranty Trust Co, Spaarndam, Rotterdam
TAPIOCA FLOUR—365 bgs, Balfour, Guthrie & Co, Silversandal, Pamanoeham
536 bgs, Stern & Hall Co, Rhesus, Cheribon
150 bgs, Rutger, Bleeker & Co, Rhesus, Cheribon
250 bgs, Rutger, Bleeker & Co, Rhesus, Batavia
ROOTS—1,008 bgs, Rhesus, Sourabaya
WAX, CARNAUBA—63 bgs, Guaranty Trust Co, Golden Sea, Manaos
56 bgs, Chase National Bank, Golden Sea, Cesra
22 bgs, Philadelphia National Bank, Golden Sea, Ceara
56 bgs, Chase National Bank, Golden Sea, Areia Branca
WITHERITE, LUMP—50 tons, McKeesport, Hull
SMALLS—75 tons, McKeesport, Hull

San Francisco Imports

ANDIRUBA NUTS—145 sks, R J Roesling Co, Hoyanger, Para
BABASSU NUTS—169 sks, Bank of California, N A Hardanger, Para (optional discharge Oakland)
BLEACHING POWDER—25 bbls, F P Dow Co, Loch Monar, Vancouver
50 dms, Loch Monar, Vancouver
BONES, GRANULATED—535 tons, Hoyanger, Buenos Aires
7,876 sks, Hoyanger, Buenos Aires
8,833 sks, Hardanger, Buenos Aires
249,420 kilos, Hardanger, Buenos Aires
CAMPHOR—1 cs, North American Mercantile Co, Kosei, Yokohama
CHEMICALS—2 cs, Braun-Knecht-Heimann Co, San Francisco, Havre
COCOA BEANS—50 sks, American Trust Co, Hardanger, Para
FULLER'S EARTH—50 sks, Loch Monar, Vancouver
GLASS, SHEET—475 cs, Brimanger, Vancouver
WINDOW—1 cs, Hoyt, Shepston & Sciaroni, San Francisco, Havre
HOPS—45 bls, S S Steiner, Oakland, Hamburg
LINSEED MEAL—500 sks, Mitsubishi Shoji Kaisha, Kosei, Kobe
MEDICINAL PREPS—2 cs, North American Mercantile Co, Kosei, Yokohama
MENTHOL—5 cs, Kosei, Kobe
OIL, ANDIRUBA—212 dms, American Trust Co, Hardanger, Para
CODLIVER—10 dms, Loch Monar, Vancouver
COTTONSEED—133 dms, R J Roesling Co, Hoyanger, Santos
1,250 dms, R J Roesling Co, Hardanger, Pernambuco
400 dms, Hardanger, Pernambuco
OLIVE—2 dms, Guy Barham, San Francisco, Havre
RICE BRAN—18 dms, Durkee Famous Foods, Kosei, Kobe
PEATMOSS—670 bls, Wilson & George Meyer & Co, Loch Monar, Vancouver
PEPPER—25 sks, Loch Monar, Vancouver
PERFUMERY—2 cs, Ranschoff's, San Francisco, Havre
QUEBRACHO EXTRACT—530 sks, Tannin Corpn, Hoyanger, Buenos Aires
SESAME MEAL—2,000 sks, Balfour, Guthrie & Co, Kosei, Kobe
SODA CYANIDE—100 dms, Hongkong & Shanghai Banking Corpn, Kosei, Yokohama
TOILET PREPS—5 cs, North American Mercantile Co, Kosei, Yokohama
WATER, MINERAL—3 cs, Guy Barham, San Francisco, Havre
WAX, MONTAN, CRUDE—535 sks, Strohmeyer & Arpe Co, Oakland, Hamburg

Savannah Imports

OIL, PALM—2,264,924 lbs, Silvercedar, Belawan Deli

Tampa Imports

BONE MEAL—552 bgs, Maria, Fiume
COCONUTS—18,000, Angrer, Bonacca
SODA, NITRATE—2,652 tons, Sterlingville, Tocopilla

Exports from U.S. Ports

New York Exports

Clearance Dates

Alexandre Andre, February 5; Almena, February 5; American Shipper, February 5; Antonia, February 4; Berengaria, February 4; Black Eagle, January 30; Blankaholm, February 3; Blommersdyk, February 1; Bremen, February 2; Buenaventura, January 5; Cadmus, February 4; Camamu, February 9; Cameronia, February 4; Chickasaw City, February 5; City of Flint, February 8; City of New York, February 1; Coldbrook, January 6; Cypria, January 22; Europa, February 9; Exmouth, February 5; Foylebank, February 6; Grey County, February 4; Haiti, February 4; Haukefjell, February 10; Jeff Davis, February 2; Karmoy, February 2; Kwansai, February 9; Kyno, February 2; Lancastria, February 5; Livenza, February 15; Noto, February 3; Oriskany, February 4; Otto Petersen, February 6; San Juan, February 6; Santa Barbara, January 29; Silversash, January 27; Southern Cross, January 29; Stigstad, February 16; Tacoma, February 3; Tai Ping Yang, January 29; Tokai, January 23; Toloa, February 6; Tonsbergfjord, January 22; Veragua, February 4; Vingaren, January 28; West Kebar, January 12; Western Prince, February 5; Yomachichi, February 6; Zarembo, February 5

ACETONE—4,150 lbs, Bergensfjord, Oslo
ACID, FORMIC—15,229 lbs, West Kebar, Marshall
MURIATIC—564 lbs, Veragua, Havana; 30,600 lbs, San Juan, Ponce
NITRIC—1,355 lbs, Haiti, Porto Colombia
SULPHURIC—17,515 lbs, Santa Barbara, Talara; 2,700 lbs, San Juan, San Juan
ALCOHOL—7,040 gls, Buenaventura, Cristobal
ALUMINA CHLORIDE, ANHYD—5,550 lbs, Blommersdyk, Rotterdam
AMMONIA, SULPHATE—405,000 lbs, San Juan, Guanica
ANTIMONY, SULPHIDE—6,040 lbs, Tokai, Tokio
ASPHALT—4,391 lbs, Cypria, Port Louis; 180,810 lbs, Jeff Davis, Brisbane; (City of New York) 111,292 lbs, Lourenco Marques; 15,256 lbs, Beira; (Yomachichi) 540,110 lbs, Colombo; 962,015 lbs, Calcutta; 44,518 lbs, Exmouth, Casablanca; 6,293 lbs, Grey County, Buenos Aires; 40,830 lbs, Pennland, Antwerp; 209,605 lbs, City of Flint, Liverpool; 271,165 lbs, Camamu, Santos; 13,208 lbs, Toloa, Porto Colombia
LIQUID—13,752 lbs, Cypria, Lisbon; 13,640 lbs, Kyno, Newcastle
SOLID—27,448 lbs, Bergensfjord, Trondhjen,
BENZOL—2,750 gls, Coldbrook, Buenos Aires; 4,290 gls, Grey County, Buenos Aires
BERYLLIUM OXIDE — 1,254 lbs, Europa, Havana
BLEACHING POWDER—2,148 lbs, Platano, Porto Barrios
BLUE, ULTRAMARINE—11,895 lbs, Southern Cross, Buenos Aires; 972 lbs, Veragua, Port Limon; (Tacoma) 26,080 lbs, Montevideo; 22,600 lbs, Buenos Aires
VITRIOL—15,010 lbs, Tonsbergfjord, Buenos Aires
BUTYL ACETATE, SECONDARY—5,274 lbs, American Shipper, London
CALCIUM CARBIDE—21,164 lbs, Borinquen, Ciudad; 21,200 lbs, Oriskany, Guantanamo
CHEMICALS—750 lbs, Antonia, London; 12,240 lbs, Noto, Kobe; 2,650 lbs, Blankaholm, Stockholm; 6,475 lbs, Hamburg, Hamburg; 72,150 lbs, Otto Petersen, Oporto
CHINA CLAY—20,400 lbs, Kwansai, Yokohama; 20,400 lbs, Tokai, Yokohama
CHLORINE—2,518 lbs, Buenaventura, Porto Colombia
CLAY—9,790 lbs, Cypria, Benguela; 33,600 lbs, Bergensfjord, Oslo; 11,200 lbs, Pennland, Antwerp
FILTER—27,545 lbs, Southern Cross, Rosario
COALTAR INTERMEDIATES — (Noto) 6,489 lbs, Yokohama; 1,365 lbs, Osaka
CORN FLOUR—21,300 lbs, Veragua, Havana; 343,105 lbs, Tai Ping Yang, Manila; (Toloa) 2,060 lbs, San Juan del Sur; 5,225 lbs, Corinto
SUGAR—3,053 lbs, Cameronia, Glasgow
SYRUP—(Tai Ping Yang) 306 lbs, Manila; 362 lbs, Iloilo; 4,557 lbs, Veragua, Havana; 2,991 lbs, Platano, Porto Barrios; 11,470 lbs, Buenaventura, Port Prince; (Toloa) 3,727 lbs, Puntarenas; 1,554 lbs, Corinto
DENTIFRICES—5,615 lbs, Blommersdijk, Rotterdam
DISINFECTANT, COALTAR—1,935 lbs, Platano, Porto Barrios
DERRIS ROOT, GR'D—4,285 lbs, Hamburg, Hamburg
DEXTRIN, CORN — 7,100 lbs, Cameronia, Glasgow
DRUGS—2,397 lbs, American Shipper, London
DYES—21,987 lbs, Noto, Kobe; 4,867 lbs, Black Eagle, Rotterdam; 35,615 lbs, Yomachicht, Bombay; 1,988 lbs, Pennland, Antwerp: (Henri Jasper) 2,195 lbs, Antwerp; 27,632 lbs, Brussels; 4,163 lbs, Pipestone County, Havre; 3,354 lbs, Tokai, Kobe
EPSOM SALT—21,750 lbs, West Kebar, Marshall; 43,206 lbs, Zarembo, Marshall
ETHYLENE DIAMINE—1,916 lbs, Pipestone County, Havre
FELDSPAR—17,000 lbs, Bremen, Bremen
GASOLINE—(Jeff Davis) 11,000 gls, Brisbane; 31,625 lbs, Sydney; (West Kebar) 15,000 gls, Takoradi; 10,000 gls, Accra; 40,000 gls, Lagos; 700 gls, Kribi; 1,000 gls, Buenaventura, Port au Prince
AVIATION—2,750 gls, Camamu, Rio de Janeiro; 11,000 gls, Cypria, Lisbon; 2,750 gls, Camamu, Rio de Janeiro
GELATIN—903 lbs, Lancastria, Birkenhead
GLASS, WINDOW—10,035 lbs, Veragua, Havana; 13,534 lbs, Toloa, Cartagena; 12,401 lbs, Platano, Santiago
GLUCOSE—1,091 lbs, Vingaren, Gothenburg; 45,510 lbs, Tai Ping Yang, Manila; 2,741 lbs, Camamu, Santos
GLUE—2,578 lbs, Tokai, Yokohama
DRY—958 lbs, Veragua, Havana
PRESERVER—3,800 lbs, American Shipper, London
VEGETABLE—2,238 lbs, City of New York, Port Elizabeth
GLYCERIN—5,262 lbs, Exmouth, Piraeus
GRAPHITE—13,015 lbs, Otto Petersen, London
GREASE, ANIMAL—1,125 lbs, Bergensfjord, Bergen
LUBRICATING—78,097 lbs, Southern Cross, Buenos Aires; 13,485 lbs, Jeff Davis, Sydney; 7,766 lbs, West Kebar, Libreville; 2,390 lbs, Port Gentil; 8,671 lbs, Point Noire; 4,061 lbs, Matadi; (City of New York) 171,066 lbs, Lourenco Marques; 5,750 lbs, Beira; 4,350 lbs, Mombasa; 4,028 lbs, Noto, Osaka; 4,543 lbs, Veragua, Nuevitas; 2,258 lbs, Roma, Algiers; 52,186 lbs, Tai Ping Yang, Manila; 3,913 lbs, Foylebank, Kobe; (Yomachichi) 10,185 lbs, Bombay; 9,842 lbs, Calcutta; 127,428 lbs, Lancastria, Liverpool; 2,190 lbs, Platano, Puerto Barrios; (Pennland) 6,686 lbs, Antwerp; 2,395 lbs, Berne; 60,185 lbs, Paris, Havre; 8,233 lbs, Tacoma, Rio de Janeiro; (Zarembo) 5,746 lbs, Port Gentil; 27,821 lbs, Matadi; 72,315 lbs, Kyno, Newcastle; (Western Prince) 10,162 lbs, Rio de Janeiro; 26,375 lbs, Santos; 17,340 lbs, Montevideo; 30,979 lbs, City of Flint, Manchester; 116,032 lbs, Pipestone County, Dunkirk; (Kwansai) 34,054 lbs, Yokohama; 23,388 lbs, Moji; 28,030 lbs, Kobe; 80,484 lbs, Otto Petersen London; 4,282 lbs, Toloa, Cartagena
GUM, BENZOIN—1,220 lbs, Blankaholm, Malmo
INK, BASE—1,988 lbs, Noto, Yokohama
PRINTING—6,855 lbs, Noto, Kobe; 7,076 lbs, Coldbrook, Montevideo
INSECTICIDE—(Kyno) 9,420 lbs, Hull; 17,280 lbs, Newcastle
AGRICULTURAL—14,987 lbs, American Shipper, London
HOUSEHOLD—6,121 lbs, Tai Ping Yang, Shanghai; 15,610 lbs, Yomachichi, Karachi; 47,888 lbs, City of Flint, Manchester
IRON OXIDE—24,700 lbs, Blommersdyk, Rotterdam
JAPAN, BLACK—44,210 lbs, Otto Petersen, Glasgow
LACQUER—8,460 lbs, Silverash, Port Elizabeth; 3,850 lbs, Vingaren, Motala; 3,872 lbs, Hamburg, Helsingfors
BASE—1,260 bs, Antonia, Liverpool
PYROXYLIN—1,007 lbs, Bergensfjord, Oslo
THINNER—550 gls, Cypria, Lisbon; (Silverash) 3,465 gls, Capetown; 12,210 gls, Port Elizabeth
LARD—12,600 lbs, Berengaria, Southampton; 12,400 lbs, Borinquen, San Juan; (Oriskany) 6,500 lbs, Santiago; 14,843 lbs, Guantanamo; (Veragua) 5,300 lbs, Nuevitas; 10,500 lbs, Havana; 71,500 lbs, Lancastria, Liverpool; (Platano) 13,000 lbs, Manzanillo; 26,000 lbs, Santiago; 136,325 lbs, Kyno, Hull; 29,173 lbs, City of Flint, Cork
LEAD, BLUE, SUBLIMED—10,439 lbs, Bergensfjord, Bergen
RESIDUE—84,945 lbs, Pennland, Antwerp
WHITE—23,050 lbs, Coldbrook, Rio Janeiro
LIME, HYDRATED—600,000 lbs, Cadmus, Caibarien
LINSEED CAKE—5,515,193 lbs, Blommersdyk, Rotterdam; 230,507 lbs, Lancastria, Liverpool; 112,910 lbs, City of Flint, Cork; 671,882 lbs, Pipestone County, Havre

METHYL CHLORIDE—1,928 lbs, Silverash, Capetown
MILK POWDER—12,738 lbs, Noto, Yokohama
NAPHTHA—(West Kebar) 45,000 gls, Dakar; 35,000 gls, Port Bouet; 61,375 gls, Winnebah; 100,000 gls, Accra; 30,000 gls, Duala; 75,000 gls, Kribi; 18,300 gls, Libreville; 37,000 gls, Port Gentil; 5,500 gls, Point Noire; (Zarembo) 20,000 gls, Dakar; 1,000 gls, Marshall; 8,250 gls, Port Bouet; 30,000 gls, Winnebah; 80,000 gls, Accra; 10,000 gls, Duala; 5,650 gls, Libreville; 12,750 gls, Port Gentil
OIL, BRIGHT STOCK—783 tons, Livenza, Genoa
COALTAR—8,160 lbs, Karmoy, La Guayra
CORN—(City of New York) 22,100 lbs, Capetown; 2,860 lbs, Lourenco Marques
CYLINDER—1,417,374 gls, Stigstad, Rotterdam-Hamburg
EDIBLE—6,250 lbs, Veragua, Port Limon; 2,332 lbs, Platano, Porto Barrios; (Toloa) 7,212 lbs, Santa Marta; 1,622 lbs, Cartagena; 1,730 lbs, Amapala; 1,927 lbs, San Juan del Sur; 6,004 lbs, Corinto
ESSENTIAL—140 lbs, Tokai, Yokohama
FISH—4,611 lbs, Veragua, Havana
GAS—158,745 gls, Rydboholm, Gothenburg; (Zarembo) 11,000 gls, Port Bouet; 2,750 gls, Winnebah; 11,000 gls, Port Gentil
LUBRICATING—(West Kebar) 3,300 gls, Dakar; 1,650 gls, Port Bouet; 1,100 gls, Lagos; 600 gls, Duala; 1,650 gls, Libreville; 550 gls, Port Gentil; 10,630 gls, Point Noire; 20,425 gls, Matadi; 12,720 gls, Bremen, Bremen; (Cypria) 13,710 gls, Lisbon; 13,475 gls, Benguela; 6,888 gls, Marseilles; 9,250 gls, Haiphong; (Jeff Davis) 2,475 gls, Brisbane; 52,505 gls, Sydney; 17,735 gls, Melbourne; 4,125 gls, Adelaide; (Santa Barbara) 1,375 gls, Tocopilla; 12,120 gls, Callao; 2,235 gls, Mollendo; 1,950 gls, Antofagasta; 3,850 gls, Valparaiso; 4,325 gls, Talcahuano; 3,850 gls, Antonia, London; (Bergensfjord) 17,514 gls, Bergen; 3,870 gls, Trondhjem; 50,258 gls, Oslo; 28,374 gls, Cameronia, Glasgow; (City of New York) 8,150 gls, Port Natal; 2,750 gls, Durban; 20,850 gls, Port Natal; 1,485 gls, Beira; 5,500 gls, Mombasa; 1,011,276 gls, Alexandre Andre, London; 13,200 gls, Noto, Moji; 9,420 gls, Roma, Algiers; (Blommersdijk) 11,315 gls, Rotterdam; 4,825 gls, Amsterdam; (Blankaholm) 2,200 gls, Stockholm; 4,675 gls, Malmo; (Vingaren) 4,675 gls, Gothenburg; 7,205 gls, Malmo; 2,200 gls, Stockholm; 1,650 gls, Motala; (Rydboholm) 5,225 gls, Norrkoeping; 3,475 gls, Stockholm; 619,500 gls, Stigstad, Rotterdam-Hamburg; 1,650 gls, Tai Ping Yang, Shanghai; 20,625 gls, Foyiebank, Kobe; (Coldbrook) 8,250 gls, Rio de Janeiro; 6,050 gls, Montevideo; 11,275 gls, Buenos Aires; (Yomachichi) 4,565 gls, Karachi; 37,055 gls, Bombay; 14,940 gls, Colombo; 64,915 gls, Calcutta; (Lancastria) 26,607 gls, Liverpool; 3,025 gls, Chittagong; 2,750 gls, Birkenhead; (Zarembo) 1,100 gls, Accra; 1,175 gls, Libreville; 2,825 gls, Port Gentil; 1,100 gls, Point Noire; 3,885 gls, Matadi; (Exmouth) 1,650 gls, Casablanca; 1,365 gls, Salonica; 58,235 gls, Constanza; (Kyno) 6,275 gls, Hull; 1,650 gls, Aberdeen; (Western Prince) 5,382 gls, Rio de Janeiro; 60,110 gls, Montevideo; 2,750 gls, Platano, Puerto Barrios; 3,575 gls, Buenaventura, Port Prince; 18,356 gls, Grey County, Santos; (Pennland) 2,520 gls, Rotterdam; 13,608 gls, Antwerp; 2,585 gls, Perne; (Paris) 11,550 gls, Bordeaux; 23,100 gls, Havre; 1,375 gls, Tacoma, Rio de Janeiro; 1,100 gls, Tonsbergfjord, Buenos Aires; 2,750 gls, Chickasaw City, Alexandria; 6,006 gls, American Shipper, London; (Hamburg) 4,200 gls, Vienna; 83,927 gls, Hamburg; 2,475 gls, Oslo; (City of Flint) 2,200 gls, Dublin; 29,985 gls, Manchester; 3,225 gls, Haiti, Puerto Colombia; (Pinestone County) 25,872 gls, Havre; 57,246 gls, Dunkirk; 880 gls, Lille; (Kwansai) 31,850 gls, Yokohama; 29,700 gls, Osaka-Kobe; 12,650 gls, Kobe; (Tokai) 20,750 gls, Yokohama; 8,690 gls, Yokohama-Osaka; 6,490 gls, Osaka; 46,805 gls, Osaka-Kobe; 1,100 gls, Dairen; 27,375 gls, Kobe; 3,250 gls, Takao; 1,650 gls, Otto Petersen, London; 7,935 gls, Camamu, Rio de Janeiro; 3,795 gls, Toloa, Kingston
MOTOR—(West Kebar) 19,250 gls, Freetown; 5,500 gls, Lagos; 2,750 gls, Zarembo, Lagos
OLEO—59,136 lbs, Antonia, London; 4,655 lbs, Bergensfjord, Oslo; 14,411 lbs, Cameronia, Glasgow; 11,798 lbs, Rydboholm, Gothenburg; 28,567 lbs, Pennland, Antwerp; (City of Flint) 31,358 lbs, Cork; 46,770 lbs, Dublin
ORANGE—597 lbs, Hamburg, Hamburg
PALE—94,290 gls, Stigstad, Rotterdam-Hamburg
VALVE—238,098 gls, Stigstad, Rotterdam-Hamburg
WORMSEED—1,340 lbs, Lancastria, Liverpool
PAINT—6,622 lbs, Cypria, Benguela; (Southern Cross) 2,382 lbs, Montevideo; 29,370 lbs, Buenos Aires; 4,847 lbs, City of New York, Port Elizabeth; 21,299 lbs, Silverlarch, Port Elizabeth; 4,272 lbs, Blankaholm, Gothenburg; 5,201 lbs, Vingaren, Stockholm; 5,591 lbs, Platano, Santiago; 221,351 lbs, Pennland, Antwerp; 25,683 lbs, Henri Jasper, Antwerp; 7,215 lbs, San Juan, San Juan
ENAMEL—17,495 lbs, City of New York, Port Elizabeth
MATERIAL—1,459 lbs, Gray County, Buenos Aires
PASTE—3,150 lbs, Tokai, Yokohama
PREPARED—4,920 lbs, Hamburg, Oslo; 3,768 lbs, Camamu, Santos; (Toloa) 1,711 lbs, Colon; 3,351 lbs, Porto Colombia; 7,340 lbs, Guayaquil; 10,164 lbs, Buenaventura
PARAFFIN—(Bergensfjord) 4,449 lbs, Bergen; 4,449 lbs, Kristiansand; 23,359 lbs, Oslo; (Veragua) 44,440 lbs, Port Limon; 5,549 lbs, Havana; 22,244 lbs, Vingaren, Helsingfors; 22,244 lbs, Rydboholm, Helsingfors; (Platano) 24,242 lbs, Retalhen; 10,101 lbs, Guatemala; 30,300 lbs, Antigua; 11,118 lbs, Pennland, Antwerp; (Hamburg) 444,888 lbs, Hamburg; 3,338 lbs, Oslo; 4,449 lbs, City of Flint, Manchester; 22,196 lbs, Haiti, Cartagena; 63,815 lbs, Otto Petersen, London; 22,874 lbs, Camamu, Rio Grande
SCALE—82,351 lbs, Silverash, Capetown; 4,829 lbs, Blankaholm, Gothenburg; 12,177 lbs, Blommersdyk, Amsterdam; 118,515 lbs, Otto Petersen, London
PARA, HYDROXYL DIPHENYL—11,345 lbs, Lancastria, Liverpool
PETROLATUM—4,238 lbs, Blommersdyk, Rotterdam; (Blankaholm) 35,413 lbs, Stockholm; 8,538 lbs, Helsingborg; 65,268 lbs, Hamburg, Hamburg; 35,285 lbs, Kwansai, Osaka; (Tokai) 263,745 lbs, Yokohama; 32,972 lbs, Kobe
MEDICINAL—46,248 lbs, American Shipper, London
PETROLEUM, REFINED—(West Kebar) 9,500 gls, Dakar; 17,500 gls, Port Bouet; 25,000 gls, Winnebah; 20,000 gls, Accra; 20,000 gls, Duala; 4,000 gls, Kribi; 18,300 gls, Libreville; 37,000 gls, Port Gentil; 16,500 gls, Dakar; 25,000 gls, Winnebah; 30,000 gls, Accra; 10,000 gls, Duala; 5,250 gls, Libreville; 3,750 gls, Port Gentil
RESIDUE—(Southern Cross) 4,015 gls, Rio Janeiro; 1,760 gls, Santos
PHENOL—41,065 lbs, Rankefjell, Antwerp
PODOPHYLLIN—660 lbs, American Shipper, London
POTASH, BROMIDE—1,340 lbs, Antonia, London
DRY—3,917 lbs, American Shipper, London
XANTHATE—12,115 lbs, Jeff Davis, Brisbane
PYRETHRUM FLOWERS—69,614 lbs, Hamburg, Hamburg
RESIN, COALTAR—1,301 lbs, Pennland, Antwerp
SYNTHETIC—7,798 lbs, Blommersdijk, Rotterdam
ROSIN—4,848 lbs, Lancastria, Liverpool; 4,903 lbs, Blankaholm, Stockholm; 1,669 lbs, Vinagern, Gothenburg; 4,707 lbs, Rydboholm, Stockholm; 27,432 lbs, American Shipper, London
SOAP—78,010 lbs, Tai Ping Yang, Manila; (San Juan) 29,030 lbs, Ponce; 18,845 lbs, Mayaguez
LAUNDRY—11,500 lbs, Zarembo, Marshall; 22,340 lbs, Toloa, Belize
POWDER—2,760 lbs, Bergensfjord, Oslo
TOILET—18,713 lbs, Bergensfjord, Oslo
SODA ASH—(City of New York) 6,440 lbs, Capetown; 12,768 lbs, Walvis Bay; 17,380 lbs, Port Elizabeth; 27,490 lbs, Port Natal; 12,960 lbs, Orsikany, Tanamo; 32,600 lbs, Veragua, Havana; (Yomachichi) 113,010 lbs, Karachi; 22,615 lbs, Calcutta; 227,360 lbs, Tokai, Osaka; 224,972 lbs, Camamu, Santos
BICARBONATE—51,125 lbs, Southern Cross, Rio de Janeiro; 2,975 lbs, Borinquen, San Juan; 6,100 lbs, Buenaventura, Port Prince; 3,050 lbs, Haiti, Port Prince
BICHROMATE—13,215 lbs, Otto Peterson, London
CAUSTIC—128,015 lbs, Santa Barbara, Valparaiso; 71,700 lbs, Borinquen, San Juan; 6,187 lbs, City of New York, Port Natal; 71,800 lbs, Veragua, Havana; 423,515 lbs, Tai Ping Yang, Shanghai; 21,494 lbs, San Juan, La Romana; 289,220 lbs, Grey County, Buenos Aires; 189,062 lbs, Tacoma, Montevideo; 229,440 lbs, Tokai, Osaka; 1,147,601 lbs, Camamu, Santos
PYROPHOSPHATE — 2,440 lbs, Silverash, Capetown
SILICATE—10,930 lbs, San Juan, San Juan; 2,669 lbs, Pipestone County, Havre
SILICO FLUORIDE — 4,050 lbs, Zarembo, Marshall
SULPHATE—3,250 lbs, Platano, Santiago
SOLVENT, COALTAR—6,690 lbs, Coldbrook, Santos
PAINT—12,460 lbs, Grey County, Buenos Aires
STARCH—4,280 lbs, Bergensfjord, Oslo
CORN—8,000 lbs, Oriskany, Santiago; 1,385 lbs, Veragua, Cienfuegos; 4,038 lbs, San Juan, San Juan; 7,050 lbs, City of Flint, Dublin; 135 lbs, Toloa, Corinto
SULPHUR—22,950 lbs, City of New York, East London; 3,366 lbs, Haiti, Cartagena
TALC — 67,200 lbs, Lancastria, Liverpool; (Kyno) 44,800 lbs, Hull; 11,200 lbs, Newcastle
TURPENTINE—2,000 gls, Camamu, Rio de Janeiro
VARNISH—1,120 lbs, City of Flint, Liverpool; 630 lbs, Tokai, Yokohama; 1,554 lbs, Toloa, Cartagena
WITCH HAZEL EXTRACT—7,440 lbs, Otto Petersen, London
ZINC, OXIDE — 52,000 lbs, Buenaventura, Cristobal

Baltimore Exports

Clearance Dates

Beemsterdijk, February 8; Black Osprey, February 8; Camamu, February 2; Capulin, February 2; Cingalese Prince, February 1; City of Havre, February 4; City of Lyons, February 9; Coldbrook, February 2; Gertrude Maersk, February 2; Punta Arenas, February 1; Ramo, February 9; Sagaporack, February 1; San Marcos, February 6; Theodor, February 10

ACID, CHROMIC—6,600 lbs, City of Havre, Gothenburg
AMYL ACETATE—1,580 lbs, Camamu, Rio Janeiro
ASPHALT—280 lbs, Black Osprey, Rotterdam
BUTYL ACETATE—2,370 lbs, Camamu, Rio Janeiro
CADMIUM LITHOPONE—2,400 lbs, City of Havre, London
CALCIUM CARBIDE—5,000 lbs, Theodor, Maracaibo
CLEANING COMPOUND, METAL—(Black Osprey) 400 lbs, Schwanden; 800 lbs, Baden
COPPER MATTE—225,220 lbs, Capulin, Hamburg
DEODOFOAM—83 lbs, Cingalese Prince, Manila
GLASS FRIT, CRSHD—40,000 lbs, City of Havre, London
GREASE, LUBRICATING—21,375 lbs, Camamu, Sao Paulo; 4,420 lbs, Beemsterdijk, Rotterdam; 2,225 lbs, City of Havre, Helsingfors; 56,076 lbs, Black Osprey, Hemixem
HAMAMELIS LEAVES—566 lbs, Black Osprey, Antwerp
IRON SAND—120,000 lbs, Sagaporack, Helsingors
LEAD, RED—248 lbs, Coldbrook, Rio Janeiro
WHITE—100,000 lbs, San Marcos, Cristobal
LOGWOOD EXTRACT—46,750 lbs, Gertrude Maersk, Osaka
NICKEL SULPHATE—26,000 lbs, Gertrude Maersk
OIL, CAR—88 gals, Coldbrook, Rio Janeiro
FLOTATION—60,000 lbs, Punta Arenas, San Antonio
LUBRICATING—629 bbls, Coldbrook, Buenos Aires; 85 bbls, Gertrude Maersk, Osaka; (City of Havre) 124 bbls, London; 161 bbls, Havre; 8,372 lbs, Black Osprey, Brussels
PARAFFIN—90 bbls, Capulin, Dundee
PAINT—95 gals, Coldbrook, Rio Janeiro; 344 lbs, City of Havre, London
ASPHALT—50 gals, Sagaporack, Finland
PASSION FLOWER HERB—570 lbs, Black Osprey, Antwerp
PETROLATUM—23,785 lbs, Black Osprey, Duffel
POLISH, METAL—8,135 lbs, Gertrude Maersk, Manila
SHOE—540 lbs, City of Havre, France
PORCELAIN ENAMEL FRIT—(Black Osprey) 2,494 lbs, Antwerp; 325 lbs, Schwanden
PYRETHRUM FLOWERS—2,240 lbs, Black Osprey, Rotterdam
RUTTLE ORE—35,000 lbs, City of Havre, Hamburg
SAND, PREP—3,000 lbs, City of Havre, London
SODA, BICHROMATE—5,698 lbs, City of Havre, Memel
CAUSTIC—200,200 lbs, Gertrude Maersk, Manila
TANNING EXTRACT—600 lbs, City of Havre, Hamburg
TIN OXIDE—90 lbs, Black Osprey, Antwerp

Baton Rouge Exports

Clearance Dates

Alexandre Andre, January 27; Cheyenne, January 13; Hanseat, January 25; Rotterdam, January 15; Scandia, January 25

GASOLINE—34,202 bbls, Cheyenne, Aruba
KEROSENE—9,506 bbls, Cheyenne, Aruba 82,805 bbls, Rotterdam, Aruba
OIL, FUEL—80,939 bbls, Scandia, Lands End
LUBRICATING—21,730 bbls, Alexandre Andre, Hamburg; (Hanseat) 28,038 gls, Rotterdam; 15,181 gls, Hamburg; 416,164 gls, Rotterdam-Hamburg

Beaumont Exports

Clearance Date

Kaia Knudsen, February 9

GREASE, LUBRICATING—10 cs, 8 bbls, Kaia Knudsen, Buenos Aires
OIL, LUBRICATING—718 drms, Kaia Knudsen, Buenos Aires
PETROLEUM, CRUDE—12,969 tons, Kaia Knudsen, Buenos Aires

Boston Exports

Clearance Dates

Capulin, February 9; Darien, February 10; Lady Hawkins, February 13; Lady Somers, February 6; Mayari, February 15; San Benito, February 8; Spaarndam, February 8; Tawali, February 12; Yarmouth, February 6, 10

ACID, BORIC—1 kg, 75 lbs, Yarmouth, St John
BORIC, CRYST—4 sks, 398 lbs, Yarmouth, FLUORIC—1 bx, 9 lbs, Lady Somers, Bermuda
SULPHURIC—215 drms, 199,950 lbs, Mayari, Preston
ALUMINA OXIDE—2 bxs, 2,135 bgs, 213,500 lbs, Capulin, London
BLACK, BONE—800 bgs, 200,000 lbs, Darien, Kingston
BLEACHING POWDER—2 ctns, 96 lbs, Lady Somers, Bermuda
BLUE, LAUNDRY—2 cs, 90 lbs, Yarmouth, Truro
CEMENT, RUBBER—2 cs, 96 lbs, San Benito, Havana
CLAY—1 bbl, 500 lbs, Capulin, London
CLEANING SOLVENT—1 bx, 10 gls, Lady Somers, Bermuda
COCOA BEANS—250 bgs, 49,602 lbs, Lady Hawkins, Trinidad
CUTTING COMPOUND, METAL—3 cs, 69 lbs, Yarmouth, St John
DEXTRIN—30 bgs, 6,000 lbs, San Benito, Havana
DRUGS—3 bxs, 81 lbs, Yarmouth, Halifax
FELDSPAR—623 bgs, 30 tons, Capulin, Hull
FINISH, LEATHER—7 bbls, 1 kg, 366 gls, San Benito, Havana
GLUE, LIQ—1 crtn, 14 lbs, San Benito, Havana
PHOTO-ENGRAVING—1 cs, 30 lbs, San Benito, Havana; 6 cs, 180 lbs, Capulin, Prague
GLUESTOCK, HIDE CUTTINGS—410 bgs, 38,679 lbs, Spaarndam, Rotterdam
GRAPE LEAVES—1 cs, 103 lbs, San Benito, Havana
HARDENING COMP—1 bdl, 10 lbs, Yarmouth, Yarmouth
INK, PRINTING—50 pails, 8 cs, 2,150 lbs, San Benito, Havana
STAMP PAD—24 crtns, 72 lbs, San Benito, Havana
WRITING—92 crtns, 788 lbs, San Benito, Havana
LINING COMP—100 drms, 4,600 lbs, Capulin, Hamburg
MEDICINAL PREPS—1 cs, 42 lbs, Lady Somers, Bermuda; 3 straps, 60 lbs, San Benito, Santiago; 201 bxs, 1,005 gls, Capulin, London
MUCILAGE—12 crtns, 190 lbs, San Benito, Havana
OIL, LUBRICATING—1 dm, 52 gls, Yarmouth, St John; 1 cs, 20 gls, Capulin, London
PINETAR—1 dm, 55 gls, Yarmouth, Halifax
SESAME—3 cs, 248 lbs, San Benito, Havana
OCHER—22 bbls, San Benito, Havana
PAINT, COPPER—30 pails, 19 cs, 4,430 lbs, San Benito, Havana; 1 bx, 6 gls, Tawali, Singapore
PASTE, LIBRARY—31 crtns, 311 lbs, San Benito, Havana
POLISH, SHOE—50 bxs, 2,150 lbs, San Benito, Havana
SILVER—12 crtns, 526 lbs, Yarmouth, St John
STOVE—65 cs, 2,112 lbs, Yarmouth, St John
ROSIN, GUM—60 bbls, 30,000 lbs, Yarmouth, Halifax; 3 drms, 1,200 lbs, Capulin, London
SESAME PASTE—4 cs, 413 lbs, San Benito, Havana
SHELLAC—1 bx, 15 lbs, Capulin, London
SILICON CARBIDE—16 kgs, 5,152 lbs, Capulin, London
SOAP, FLAKE—3 bbls, 525 lbs, Lady Somers, Bermuda
POWDER—10 bbls, 2,500 lbs, Lady Somers, Bermuda
SODA, LIME—1 dm, 434 lbs, Capulin, London
SULPHATE—25 bbls, 25 kgs, 10,000 lbs, San Benito, Havana
SULPHUR, FLOUR—360 bgs, 36,000 lbs, Yarmouth, St John
FLOWERS—10 bgs, 1,000 lbs, Yarmouth, St John
REFINED—25 bbls, 10,000 lbs, Yarmouth, St John
TOILET PREPS—1 pkg, 1 gl, Yarmouth, Yarmouth
TURPENTINE, GUM—10 drms, 524 gls, Yarmouth, St John
WELDING COMP—1 bx, 235 lbs, Yarmouth, St John
ZINC OXIDE—1 cs, 662 lbs, Capulin, Frankfurt

Corpus Christi Exports

Clearance Dates

Jane Maersk, February 5; Pellicula, January 21; Roxane, January 26

OIL, FUEL—1,854 bbls, Roxane, Berre
PETROLEUM, CRUDE—59,514 bbls, Pellicula, Lands End; 86,465 bbls, Roxane, Berre; 83,572 bbls, Jane Maersk, Gothenburg

Galveston Exports

Clearance Dates

Borkum, February 8; Comedian, February 8; Effingham, February 4; Kellerwald, February 3; Tacoma City, February 3; West Ekonk, February 5

ASPHALT—34 tons, Borkum, Bremen
BORATE—692 tons, Borkum, Hamburg
BLACK, CARBON—50 cs, Kellerwald, Hamburg; 16 tons, Tacoma City, Osaka; 20 tons, Effingham, Havre; 699 bgs, Borkum, Hamburg
CONCENTRATES—20 tons, Effingham, Havre; 9 tons, West Ekonk, Liverpool
MOLYBDENITE—264 bbls, Comedian, Liverpool
SULPHUR—1,100 tons, 25 bgs, West Ekonk, Manchester; 50 tons, Borkum, Hamburg

Houston Exports

Clearance Dates

Almeria Lykes, February 4; Atlantic City, February 8; Borkum, February 6; P N Damm, February 4; Henry Desprez, February 9; Patrick Henry, February 3; Santos, February 3; Skagerak, February 4; Solsten, February 4; Spidoleine, February 6; West Ekonk, February 3

ALUMINA CHLORIDE—4 drms, Patrick Henry, Shanghai
BLACK, CARBON—170 cs, Patrick Henry, Shanghai; (Santos) 20 cs, Osaka; 150 cs, Yokohama-Kobe-Osaka; 30 cs, Darien; (West Ekonk) 380 pkgs, Liverpool; 12,002 pkgs, Manchester; 31 tons, P N Damm, Gdynia; (Skagerak) 274 tons, Yokohama; 34 tons, Osaka; 6 tons, Kobe; 4 tons, Jinsen; 8 tons, Shanghai; 8 tons, Hongkong; 8 tons, Port Swettenhan transhipment at Kobe; 300 tons, Borkum, Bremen; 2 cs, Atlantic City, Karachi
GASOLINE—68,555 bbls, Solsten, Havre
OIL, GAS—32,250 bbls, Spidoleine, Antwerp
LUBRICATING — 60 drms, Patrick Henry, Shanghai; 25 bbls, West Ekonk, Liverpool; (Almeria Lykes) 6 tons, Port au Prince; 35 tons, Ciudad Trujillo
PETROLEUM, CRUDE—14,000 tons, Henry Desprez, Havre
POTASH MURIATE—7,500 bgs, Santos, Yokohama-Kobe-Osaka-Moji
YEAST, FOOD—(Patrick Henry) 10 drms, Shanghai; 30 drms, Manila

Lake Charles Exports

Clearance Dates

Ruth Lykes, January 30; West Ekonk, January 30

CLAY—300 bgs, Ruth Lykes, San Juan
OIL, PINE—6 drms, West Ekonk, Manchester

Los Angeles Exports

Clearance Date

Attila, January 30

GASOLINE—(Attila) 12,000 bbls, 3,132,000 lbs, Saigon; 4,853 bbls, 1,266,630 lbs, Hongkong
KEROSENE—(Attila) 19,000 bbls, 5,415,000 lbs, Saigon; 15,000 bbls, 4,275,000 lbs, Manila; 15,000 bbls, 4,275,000 lbs, Cebu

Mobile Exports

Clearance Date

Lindvangen, February 5

GASOLINE—10 drms, Lindvangen, Paramaribo
PINETAR—16 drms, Lindvangen, Georgetown

New Orleans Exports

Clearance Dates

Amapala, December 8; 21; Cefalu, December 14; 29; Contessa, December 1; Darian, January 22; Gansfjord, December 2; Mammy, February 7; Nemaha, February 4; Oakman, February 7; Patrick Henry, January 26; Santos, February 8; Talisse, January 29

ACID, MURIATIC—45 tons, Gansfjord, Banes
ASPHALT—20 tons, Oakman, Hull
CRUDE—20 tons, Nemaha, Antwerp
BARYTES—1,000 sx, Cefalu, Havana
BLACK, CARBON—(Talisse) 6 cs, Penang; 35 cs, Port Swettingham; 10 cs, Singapore; 20 cs, 1,970 sx, Batavia; 10 cs, Sourabaya; (Santos) 400 cs, Yokohama; 525 cs, Kobe; 10 cs, Amapala, Valparaiso; (Patrick Henry) 10 cs, Shanghai; 100 cs, Kobe; 37 tons, Darian, Manchester; (Oakman) 28 tons, London; 1 ton, Hull; 23 tons, Nemaha, Havre
BONES, THIGH—669 sx, Santos, Osaka
BORAX, GRANULAR—(Oakman) 151 tons, London; 50 tons, Hull
CARBIDE—20 drms, Amapala, Puerto Cabezas
CATTLE HORNS—454 sx, Patrick Henry, Osaka
CLAY—200 sx, Cefalu, Puerto Colombia
DISTILLATE—50 drms, Contessa, Celba
EARTH, FULLERS—10 tons, Nemaha, Antwerp
FIRECLAY—270 pkgs, Santos, Yokohama; 2 tons, Gansfjord, Kingston
GREASE—56 tons, Nemaha, Antwerp
INFUSORIAL EARTH—406 sx, Contessa, Havana; (Oakman) 60 tons, London; 25 tons, Hull
INK, PRINTING—2 drms, Santos, Kobe
KEROSENE—400 cs, 120 drms, Gansfjord, Kingston; 25 cs, Contessa, Celba; 30 cs, 6 drms, Amapala, Puerto Cabezas; 10 cs, Cefalu, Puerto Cabezas
LARD—150 tins, Gansfjord, Santiago; 18 crts, Amapala, Puerto Cabezas
SUBSTITUTE—50 tins, Amapala, Panama City
MEDICINAL PREPS—25 bxs, Patrick Henry, Manila
METHANOL—34 tons, Nemaha, Havre
OIL, FUEL—800 bbls, Contessa, Puerto Cabezas; 50 drms, Cefalu, Puerto Cabezas
LUBRICATING—(Talisse) 10 drms, Belawan; 45 drms, Penang; 5 drms, Palembang; 60 drms, Batavia; 20 drms, Soerabaya; 11 drms, Contessa, Puerto Cabezas; 13 drms, Amapala, Puerto Cabezas; 19 drms, Cefalu, Puerto Cabezas; (Santos) 450 drms, Yokohama; 50 drms, Kobe; 449 drms, Osaka; (Patrick Henry) 480 drms, Shanghai; 305 drms, Kobe; 1,450 drms, Kobe-Osaka; 560 drms, Osaka; 83 drms, Manila; 28 tons, Oakman, Hill; 28 tons, Nemaha, Rotterdam
PAINT—(Contessa) 82 ctns, Panama City; 17 cs, Buenaventura; 38 cs, Amapala; Buenaventura; 50 kgs, Cefalu, Panama City
PARAFFIN SCALE—81 tons, Oakman, London
PHOSPHATE—50 sks, Cefalu, Callao
PINETAR—64 drms, Talisse, Batavia; 15 drms, Cefalu, Havana; 23 tons, Darian, Liverpool
ROSIN—(Talisse) 90 drms, Belawan Deli; 130 drms, Penang; 90 drms, Singapore; 900 drms, Batavia; 25 drms, Oosthaven; 35 drms, Siboiga; 300 drms, Cheribon; 250 drms, Soerabaya; 60 drms, Macassar; (Patrick Henry) 5 drms, Shanghai; 150 bbls, Osaka; 10 tons, Mammy, Puerto Mexico
WOOD—650 drms, Patrick Henry, Osaka
SALT—8 tons, Contessa, Puerto Cabezas; (Amapala) 40 tons, Havana; 1 ton, Puerto Cabezas; (Cefalu) 5 tons, Puerto Cabezas; 5 tons, Celba
SILICA—9 tons, Nemaha, Havre
SOAP—6 ctns, Contessa, Balbao; 65 ctns, Amapala, Balbao; 250 ctns, Cefalu, Puerto Cabezas
SODA, CAUSTIC—65 drms, Cefalu, Havana

(Continued on page 62)

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Agencies Wanted

FIRM WITH headquarters in Cincinnati and covering Louisville, Dayton and Columbus would be interested in representing producers of pigments, oils, chemicals or other raw materials. BOX 929, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE.—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 896, Oil, Paint and Drug Reporter.

FROM the $10,000,000 Spreckels liquidation —Three No. 4 Vallez rotary filters; 32-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycle, 220 volts; 500 tons valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; large assortment laboratory equipment and library; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant, Consolidated Products-Spreckels Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

FIND WHAT you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Co., 123 Bleecker street. SPring 7-8955.

PEBBLE MILLS; porcelain jars, 1 and 4 gallons, single and multiple units; porcelain and silex lined 50-75-100 gallons; Day 18-inch mushroom mill; No. 12 Sweetland filter; 300-gallon rubber lined kettle. Edw. W. Lawler, Inc., Durham avenue and L.V.R.R., Metuchen, N. J.

FOR SALE: Sheldon colorimeter in good condition. Priced reasonable for quick sale. BOX 939, Oil, Paint and Drug Reporter.

Equipment Wanted

AUTOCLAVES—From laboratory. All sizes up to 1,000 gallons. Glass lined or aluminum lined. Full particulars in first letter. BOX 938, Oil, Paint and Drug Reporter.

Factories Offered

BRICK FACTORY; one story, 65 by 130, concrete floor, 20 feet headroom, no columns, live steam available 24 hours per day, railroad siding, yard. Unrestricted district; 15 minutes to Manhattan. The R. L. Kraft Company, Woolworth Building, COrt. 7-9377.

Manufacturers Wanted

CALCIUM FORMATE and formic acid—connection wanted with reliable firm or investor with $45,000 for installation to take over manufacturing rights. Inventor (engineer) will operate plant. Only reliable parties apply. BOX 936, Oil, Paint and Drug Reporter.

Materials Offered

FOR SALE—5 tons mucic acid, 4 tons thionyl chloride, 35 tons corn starch, 3 tons carbon black, 15 tons ground glass, 300 lbs. succinic acid, 500 lbs. benzoic acid, 25 lbs. cholesterin, 400 lbs. glycosterin, 200 lbs. tragacanth, 450 lbs. calcium stearate, 150 lbs. dichloramine T., 525 lbs. powdered nutgalls. BOX 940, Oil, Paint and Drug Reporter.

OFFER CHEAP 1,500 gallons calorite and 800 gallons aldehol. Contact room 720, 370 Seventh avenue, New York City.

FOR SALE—by-product—inert vegetable material in fine granulated form, 25 or more carloads annually. Excellent for filler or other purposes, on spot New York. Opportunity to purchase at low price. BOX 947, Oil, Paint and Drug Reporter.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

WELL ORGANIZED and successful company in Holland, selling to paint industry, solicits correspondence with manufacturers of materials: acetone, butyl alcohol, butyl acetate, formic acid, lead acetate, copals, dammars, leaded zinc oxide, paraffin, potash and soda bichromates, etc. BOX 937, Oil, Paint and Drug Reporter.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 895, Oil, Paint and Drug Reporter.

Plants Wanted

DISTILLING PLANT wanted at Atlantic seaboard with 15,000 square feet, good storage and transportation facilities; state exact location, available chemical equipment, conditions for rent or purchase and other details in first letter. BOX 935, Oil, Paint and Drug Reporter.

Positions Vacant

PAINT MANUFACTURING plant looking for executive to take charge of sales and operations, to start with moderate salary and liberal share of profits. Present capacity of approximately 2,000 gallons per day; will increase as business warrants. Applicants must be experienced in this line. Applications must contain full details of experience for consideration. BOX 911, Oil, Paint and Drug Reporter.

EXPERIENCED MAN wanted to take charge of manufacturing ointments, tonics, cosmetics, and general line of pharmaceuticals. State experience, age, and salary expected in first letter. No chair warmers. BOX 931, Oil, Paint and Drug Reporter.

WANTED experienced paint and varnish maker capable of operating small paint factory in Florida manufacturing a complete line of paint. State age and salary expected. BOX 933, Oil, Paint and Drug Reporter.

EXECUTIVE CHEMIST with a diversified experience in industrial paints, enamels, varnishes and lacquers. Give complete details of education, experience, etc., with salary desired. BOX 945, Oil, Paint and Drug Reporter.

SUPERINTENDENT: Paint and varnish plant located near Philadelphia has opening for man capable taking full charge, familiar with metropolitan products, salary consistent with ability, future possibilities. Give full details for interview. BOX 946, Oil, Paint and Drug Reporter.

Positions Wanted

EXTENSIVE EXPERIENCE in research, formulation and production of paints, varnishes, lacquers and synthetics, all types. Worthy record of salable items. Now in charge of laboratories of mid-western paint manufacturer. Excellent reasons for desiring change. Looking for position in charge of laboratories or production. Chemical engineer, M.S., young, married, highest references. BOX 930, Oil, Paint and Drug Reporter.

Positions Wanted

EXECUTIVE AVAILABLE—Technical man, 25 years' experience in glue and gelatin, now employed, ready to consider new connection, production or sales. BOX 879, Oil, Paint and Drug Reporter.

ANALYTICAL and research chemist experienced formula developer and controller of grains and fish meal in their protein, fat and fiber guarantee; also as textile chemist in dyestuff application, dye-testing, color-matching, money values on dyes and chemicals. Expert textile trouble-shooter. BOX 918, Oil, Paint and Drug Reporter.

CHEMIST, 26, B.S. and post graduate work with major in organic biochemistry and analytical chemistry, experienced in synthetic organic and biochemical research; chief chemist in hospital; references. BOX 932, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST (B.S.)—desires position; experienced in the manufacture, analysis, and assay of pharmaceutical preparations and chemicals; registered pharmacist. BOX 934, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER who has had experience in varnish with synthetic and oleo-resin bases. BOX 942, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER having analytical and research experience in animal, vegetable and mineral oils; spices and condiments; also chemical engineering research. BOX 943, Oil, Paint and Drug Reporter.

LACQUER CHEMIST experienced in the formulation and production of lacquers and enamels using pyroxylin, natural gums and synthetic resins. BOX 944, Oil, Paint and Drug Reporter.

Processes Wanted

IMPORTANT BELGIAN chemical manufacturer is interested in new processes for manufacturing industrial chemicals on royalty basis. Can be contacted in New York. BOX 941, Oil, Paint and Drug Reporter.

Surplus Stock

CHECK INVENTORIES—Cash for any quantity surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought.. Chemical Service Corp., 101A East 19th street, New York. Stuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

16—Pebble Mills, porcelain and silex lined, 10 to 1000 gals, some with roller bearings.
5—Colton Stokes & Mulford Tablet Machines, ½" to 2" dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—26" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
4—Day 12x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
1—700 gal. Turiron Jack. Kettles, closed.
2—W. & P. Jack. Mixers, 200 gal., power tilting, sigma blades.
25—Filter Presses, 6" to 42" size.
3—Buffalo 22"x 90" Double Drum Atmospheric Dryers.
2—W. & P. Jacketed Mixers, 100 gal., power tilting, heated sigma blades.
9—Devine and Buffalo Vacuum Shelf Dryers, asssorted sizes.

Miscellaneous: Dryers; Mixers; Filters and Filter Presses; Kettles; Pulverizer Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

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FAMOUS MACHINERY UNITS • RECONDITIONED

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Albright-Nell:—3—Cooling Rolls, drum 4'x9'.
American:—1—24" double runner attrition Mill.
Buffalo Foundry:—1—6' vacuum pan Dryer or Crystalizer, with condenser and pump; 2—6'x30' rotary vacuum Dryers.
Day:—3—Vertical sheet steel Mixing Tanks, 3'x5'; 5—Vertical sheet steel Mixing Tanks, 5'6"x 4'6"; 1—Jumbo Mixer, jacketed; 1—plain.
Devine:—1—40"x8' double drum Dryer; 1—4'x9' single drum Dryer; 2—Chamber Dryers, 17 shelves, 40x43"; 1—Chamber Dryer, 13 shelves, 40x43", 4" space between shelves for foaming material.
Hardinge:—1—6'x22" conical Mill; 1—3'x8" conical Mill.
Jeffrey:—1—Hammermill, 21x20" feed opening.
Johnson:—3—36" side feed, open delivery, plate and frame Filter Presses, 58 chambers each.
McDonald:—2—Weeks type automatic labelers.
Sperry:—1—12" plate and frame Filter Press, corner feed, open delivery.
Shriver:—1—12" plate and frame Filter Press, corner feed, open delivery.
Sprout-Waldron:—1—Continuous Mixer, 30"x24"x 14' long, double agitator.
Stokes:—1—DD multiple punch Tablet machine; 2—50 and 100 lb. granulator Mixers; 2—Filling Machines.

"There can be only One First"

Cable Address: EFFEMCY

FIRST MACHINERY CORPORATION

419 Lafayette St., N.Y. F M C **GRamercy 7-6622**

New Orleans Exports

(Continued from page 61)

STARCH—100 sks, Contessa, Havana
CORN—350 sks, Patrick Henry, Manila
TRIPOLI, PULV—600 sks, Cefalu, Panama
TURPENTINE—(Cefalu) 6 dms, Havana; 10 cs, Eten
WAX—200 sks, Contessa, Tumaco; (Darian) 7 tons, Liverpool; 22 tons, Manchester

Norfolk Exports

Clearance Dates

Capulin, February 5; City of Flint, February 2; City of Norfolk, January 29; Manchester Hero, January 29; Potter, January 27; Tai Ping Yang, February 1; Tasmania, February 1

ACID, NITRIC, TECH—8 cbys, 1,584 lbs, Potter, Honolulu
AMYL ACETATE—1 cs, 32 lbs, Capulin, London
ASPHALT—20 dms, 10,099 lbs, Potter, Honolulu
CHEMICALS—275 dms, 127,390 lbs, Capulin, London
DIETHYL SULPHATE—3 dms, 1,785 lbs, Capulin, London
DIETHYLENEGLYCOL—8 dms, 4,408 lbs, London
ETHYLENE DICHLORIDE—6 dms, 3,678 lbs, Capulin, London
GLUCOSE—20 bbls, Tai Ping Yang, Manila
MICA, GR'D—44,000 lbs, Manchester Hero, London
PULVERIZED—95 bgs, 9,595 lbs, Manchester Hero, London; 70 bgs, 7,070 lbs, City of Flint, Manchester
MONOTHANOLAMINE—3 dms, 1,536 lbs, Capulin, London
MORPHOLINE—1 dm, 47 lbs, Capulin, London
OCHER—1,820 bgs, 294,830 lbs, Capulin, Leith
OIL, CEDARWOOD—7 dms, 3,366 lbs, City of Norfolk, London
PAINT, LIQ—50 bxs, 2 cs, 20 pls, 6,850 lbs, Potter, Honolulu
PITCH, BRIQUETTING—975 dms, 180 tons, Punta Arenas, Buenaventura
SASSAFRAS ROOT—15 bgs, 2,270 lbs, City of Norfolk, London
SHELLAC, LIQ—52 bxs, 3,900 lbs, Potter, Honolulu
SILICA, GR'D—210 bgs, 47,040 lbs, Manchester Hero, Liverpool
SODA, CAUSTIC—(Tasmania) 500 dms, 348,250 lbs, Manila; 75 dms, 52,237 lbs, Cebu
SOLVENT—20 dms, 8,860 lbs, Capulin, London
TANNING EXTRACT, LIQ—1,290 bbls, 774,092 lbs, Manchester Hero, Liverpool
TRIETHANOLAMINE—16 dms, 9,008 lbs, Capulin, London
TURPENTINE SULPHATE, WOOD—10 bbls, 4,450 lbs, City of Flint, Manchester
VARNISH—150 bxs, 17,250 lbs, Potter, Honolulu
WILD CHERRY BARK—2 bls, 1,055 lbs, City of Flint, Liverpool

Philadelphia Exports

Clearance Dates

Camamu, February 5; City of Flint, February 6; Examiner, February 12; Gloucester City, February 5; Jefferson Myers, February 9; Nailsea Manor, February 7; Sagaporack, February 6; Tacoma, February 5

ANTI-KNOCK COMP—10 dms, Examiner, Tunis
BLACK, BONE—38 bgs, Sagaporack, Gothenburg
CEMENT, FIBER—3 dms, City of Flint, Cork; 17 dms, Tacoma, Sao Paulo
RUBBER—1 pl, City of Flint, Cork; 3 dms, 4 pls, Tacoma, Sao Paulo
CLEANING COMP—6 dms, Sagaporack, Copenhagen
EPHEDRINE—1 cs, Camamu, Rio de Janeiro
ETHYL FLUID—20 dms, Nailsea Manor, Sete
GASOLINE—(Camamu) 300 cs, Santos; 8,500 cs, Rio Grande do Sul
GLAZE, METAL—2 pls, Tacoma, Sao Paulo
PYROXYLIN—1 cs, Tacoma, Sao Paulo
GLUE, LABEL—1 cs, Camamu, Rio de Janeiro
GREASE, LUBRICATING—1 pl, City of Flint, Cork; 13 dms, 2 pls, Tacoma, Sao Paulo; (Camamu) 40 bskts, 20 bbls, Rio de Janeiro; 60 cs, Santos; 10 bskts, Rio Grande do Sul; (Sagaporack) 13 dms, 4 bbls, 1 bx, Gothenburg; 6 dms, 50 pls, 10 cs, Copenhagen; 11 dms, 15 cs, 6 bbls, 1 bx, Helsingfors; 10 cs, Examiner, Tangier
INSECTICIDE—1 ctn, Nailsea Manor, Lisbon
LICORICE MASS—20 cs, Gloucester City, Bristol; (Sagaporack) 49 cs, 1 bx, Copenhagen; 28 cs, Helsingfors
METAL POLISH, LIQ—12 cs, Jefferson Myers, Cristobal
MINERAL SPTS—500 cs, Camamu, Rio de Janeiro
OIL, MINERAL, RES—28 dms, Nailsea Manor, Marseilles
PAINT—1 dm, City of Flint, Cork; 275 pls, 1 cs, 69 dms, Tacoma, Sao Paulo; 40 ctns, Nailsea Manor, Oporto
ENAMEL—5 kits, Nailsea Manor, Oporto

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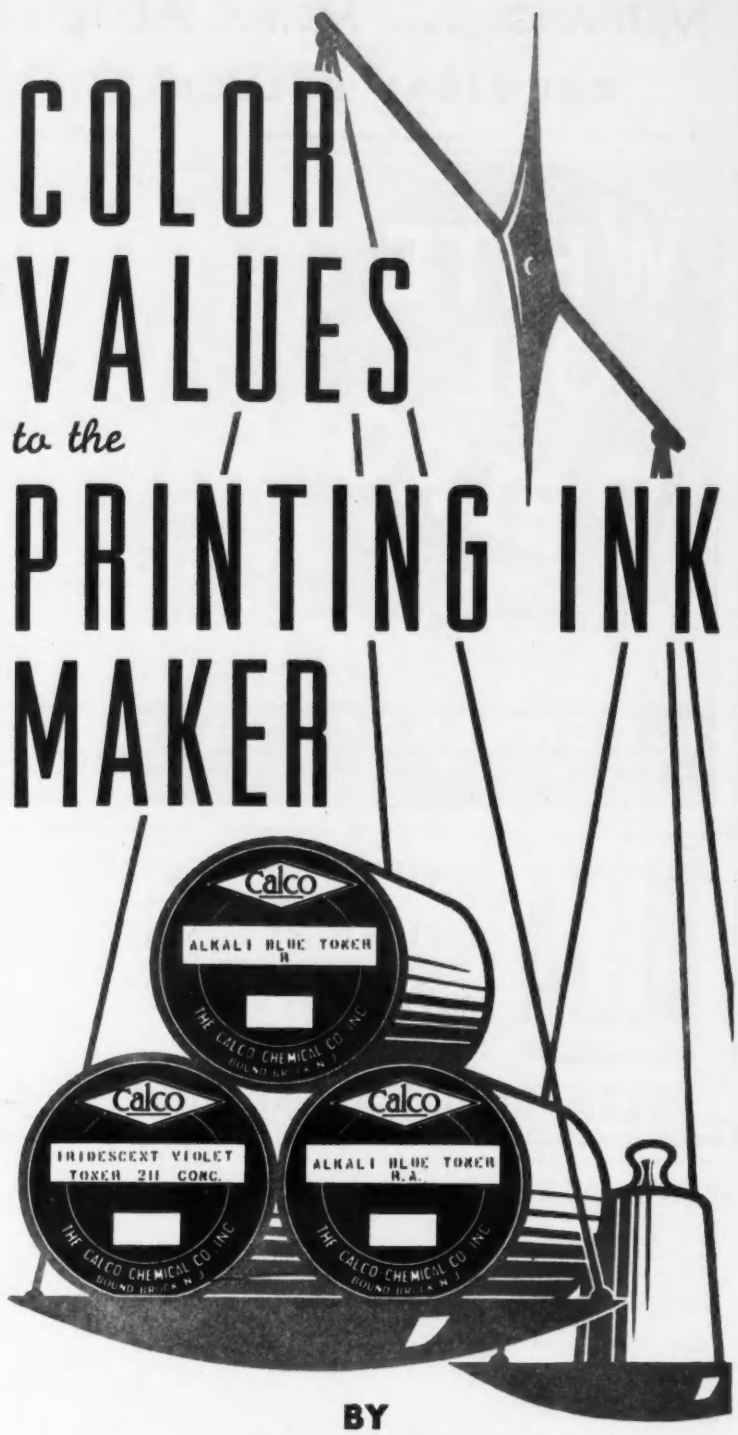

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